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# FORBES SEEDS

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For U. S. Department of Agriculture

Market-Gardeners  
and Florists

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*Buy  
War  
Bonds*

*Grow  
for  
Victory*

*Vegetables*

*Miss Newman*



CITY STORE AND WAREHOUSE AT 487 WASHINGTON ST., NEWARK 2, N. J. • SALES GARDEN AND FIELD STORE ON ROUTE 10, HANOVER, N. J.

**ALEXANDER FORBES & CO.**  
**SEEDSMEN • NEWARK, NEW JERSEY**

# FORBES SPECIAL 1945 VEGETABLES

Here are some unusually fine strains you should try this year. They have exceptional quality and will produce exceptional crops. Compare these with what you have been growing in the past. We think you will like these a lot better. Many seeds are scarce. *Mail us your order now.*

**Broccoli, Italian Green Sprouting Calabresi.** This is a specially selected strain of unusually high quality. The center heads are heavy, solid and of uniform extra-large size and good dark green color. After they are cut out, the terminal heads which form on the side branches are large and compact and very attractive. Both types of head are tender and of delicate flavor. The strong branching sturdy plants yield for over two months.  $\frac{1}{4}$ oz. 30c.; oz. 90c.;  $\frac{1}{4}$ lb. \$2.65.

**Carrot, Nantes XXX.** A de luxe strain with clean, bright orange, cylindrical, almost coreless roots, 7 by  $1\frac{1}{4}$  inches. The tops, naturally short and small, grow to larger ideal size when on muck soil. Meets the most exacting needs for uniformity of form, size and color. Oz. 40c.;  $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

**Cauliflower, Forbes Reliance.** The large thrifty plants produce very deep and heavy heads with fine white solid curds, thoroughly protected by the abundant foliage. While best for main crop, has given excellent results for early crop, where maturing all at once is not essential.  $\frac{1}{4}$ oz. \$1.25; oz. \$3.85;  $\frac{1}{4}$ lb. \$11.50.

**Celery, Cornell No. 19.** A new yellow self-blanching early type also having the desirable features of green Pascal. The stalks, 11 inches to the joint, are smooth-ribbed and deeply rounded. The hearts are long and well developed. The flesh is thick, tender and stringless even to the outer stalks. The 24-inch plants are yellows-resistant.  $\frac{1}{4}$ oz. 55c.; oz. \$1.65;  $\frac{1}{4}$ lb. \$5.

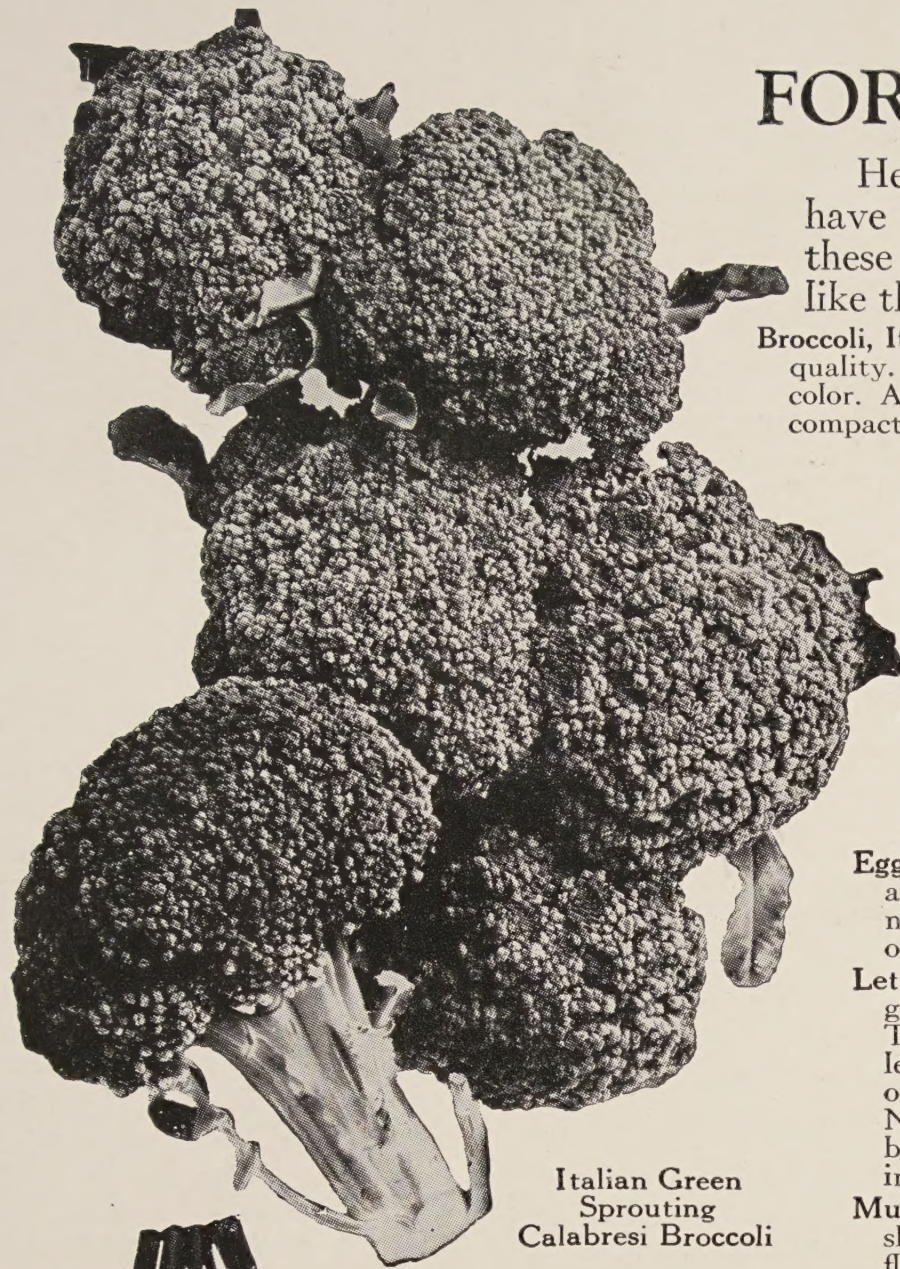
**Eggplant, Fort Myers Market.** Vigorous, 32-inch, high-bush type plants productive over a long period. The glossy purplish black fruits,  $9\frac{1}{2}$  inches long, 6 inches across, are neckless, oval-shaped but larger at the base. Quite resistant to blight, etc.  $\frac{1}{4}$ oz. 35c.; oz. \$1;  $\frac{1}{4}$ lb. \$3.

**Lettuce, Great Lakes.** All-America Winner. An imperial type with large, vigorous grass-green plants and heavily ribbed, large blistered leaves with deeply serrated margins. The heads are firm, very crisp, and exposed but with abundant ground and wrapper leaves. They will stand much longer in hot weather, without bolting to seed, than any other, and are very resistant to tip-burn. They mature about 5 days later than Imperial No. 44. and are slightly larger, later and darker green than No. 456. Great Lakes yields better on upland soil than on heavy, deep muck. A fine local market variety particularly in New England.  $\frac{1}{4}$ oz. 25c.; oz. 75c.;  $\frac{1}{4}$ lb. \$1.90; lb. \$6.

**Muskmelon, Schoon's Hard Shell.** An improved early Bender's Surprise with large, slightly oblong, coarsely netted, distinctly ribbed, 5 to 8-pound melons. Bright salmon flesh of very fine flavor. Fine for shipping. Oz. 20c.;  $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

**Squash, Butternut.** A profusion from early August to frost of tan-colored, smooth straight 10-inch fruits with enlarged bulbous ends. Dry, sweet yellow flesh. Fine for summer use and for winter storage. Oz. 50c.;  $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

**Tomato, Valiant.** An extra-large, solid, round, red Tomato which matures very early. A profitable early Market variety especially when grown on heavier soils which will develop and maintain ample vine-growth. Try this for early crop.  $\frac{1}{4}$ oz. 30c.; oz. 90c.;  $\frac{1}{4}$ lb. \$2.65; lb. \$8.



Italian Green  
Sprouting  
Calabresi Broccoli



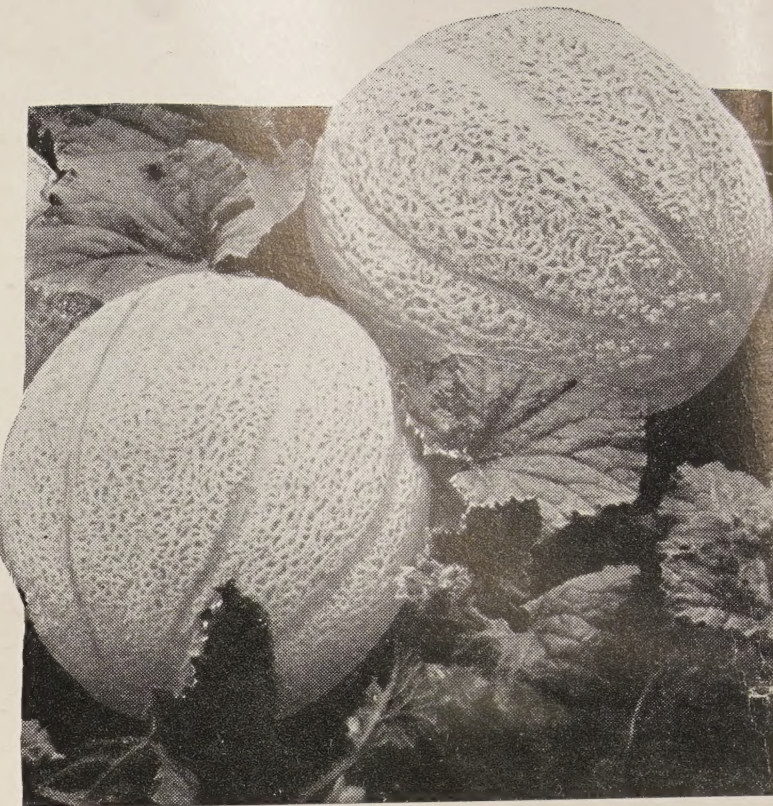
Nantes XXX Carrot



Cornell No. 19 Celery



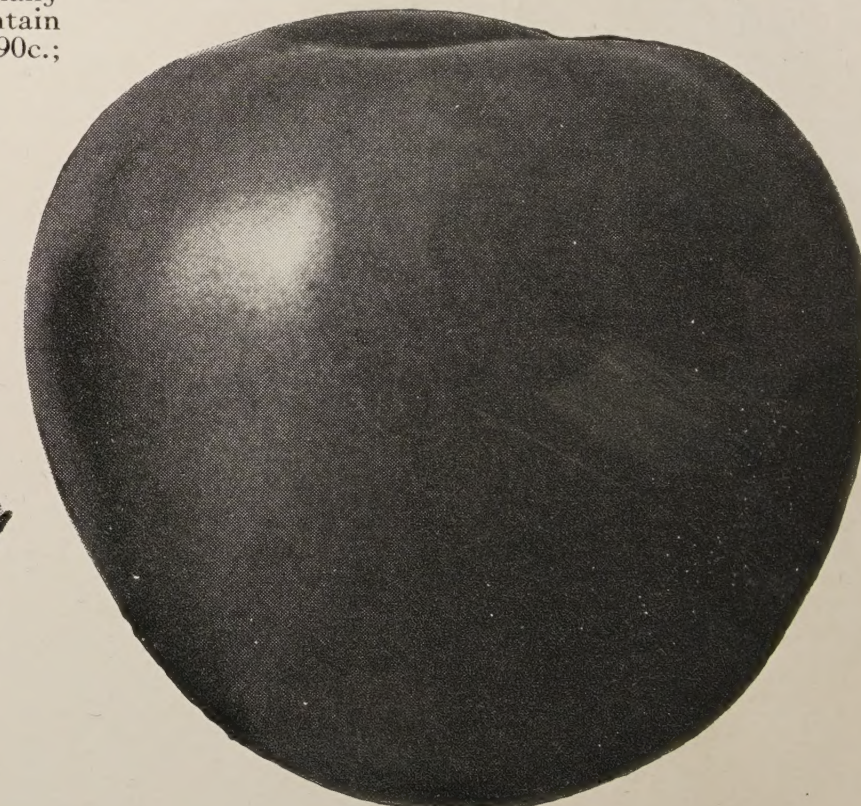
Great Lakes Lettuce



Schoon's Hard Shell Muskmelon



Forbes Reliance Cauliflower



Valiant Tomato

All prices in this Catalog are subject to change without notice

# Forbes Vegetable Seeds for 1945

The need for greater vegetable production in 1945 is apparent. With larger incomes and fewer other foods, vegetables will be in huge demand. With every United Nations' success more liberated peoples must be fed.

## Grow Vegetables for Victory

This Seed Catalog offers the best seeds at fair prices. Since 1898 we have carefully compared the world's new strains with those of our own breeding. These comparisons enable us to offer you only the best.

Your job is to grow the very best crops. Our job—never ending—is to supply only those seeds which will make your job most successful. New varieties come, have their day, and are replaced by still better ones. This Catalog lists the very best varieties prominently. They are the ones to use. On merit, they have survived through the years or have displaced others. Much progress has been made, much is still left to do, but the name

*Forbes Seeds*

has, and always will stand FOR BEST SEEDS.

**Terms.** We gladly open charge accounts for persons of approved credit. Transportation charges on *all* seed orders are prepaid by us, or we ship collect and deduct the charges from your invoice. We either deliver by truck, if nearby, or ship by Parcel Post, Express or Freight, whichever is cheapest. If you specify Express where we would ship by Freight, you'll be charged for the difference between Express and Freight. We make *no charge for bags*.

In small seeds, we supply, unless otherwise specified,  $\frac{1}{2}$  ounce at the ounce rate,  $\frac{1}{2}$  pound at the pound rate, and, when there are no specific prices for the following, we supply 5 lbs. at the 10-lb. rate, 25 lbs. and over at the 100-lb. rate, 250 lbs. and over at the 1000-lb. rate. In Peas, and Beans, we supply 25 lbs. and over at the 100-lb. rate, in Corn, 30 lbs. and over at the 100-lb. rate. Write for special prices on large quantities.

All orders are subject to approval of Alexander Forbes & Co. and acceptance by them at Newark, New Jersey. **Disclaimer.** Alexander Forbes & Co. give no warranty, express or implied, as to description, quality, productiveness, resistance to disease, or any other matter of any seeds, plants, or bulbs they send out, and they will not be in any way responsible for the crop. Its liability in all instances is limited to the purchase price of the merchandise.

## Asparagus

*One pound will produce 5,000 roots*

**Mary Washington Rustproof.** A fine U. S. Dept. of Agriculture strain making very rapid, vigorous growth. The large, thick deep green, purple-tipped stalks grow tall without branching.

## Green Pole Beans

*Use 1 lb. for 100 hills;  
30 lbs. will plant an acre*

**Kentucky Wonder Pole.** Deeply creased, 7 to 9-inch pods, meaty, and stringless. Very prolific, bearing heavily throughout the season. Early and popular.

**King Horticultural.** Long straight, stringless pods noted for earliness and huge yield.

**St. Louis White Cornfield.** Over a long period yields fleshy, 8 to 9-inch, nearly round, medium green, almost stringless very straight pods of excellent flavor. Very fine.

## Brussels Sprouts

*One ounce will produce 2,500 plants*

**Long Island Half Dwarf.** The plants grow about 20 inches tall with a succession, in fall and early winter, of many firm little, 1 to 2-inch diameter cabbage-like heads along the stem. Hardy.

Italian Green  
Sprouting  
Calabresi Broccoli



## Broccoli

*One ounce will produce 2,500 plants*

**Italian Green Sprouting Calabresi.** After cutting the center head of tight blue-green flower-buds, the plants form side-shoots with smaller heads. These, when cut and bunched over a period of 8 weeks, are tender and of delicate flavor.

## Bush Lima Beans

*One pound for 100 hills; 60 lbs. for an acre*

**Baby Fordhook.** Erect, branching, vigorous, 18-inch plants with a large yield of 2-inch pods, each holding 3 or 4 small, plump, green Beans of fine quality.

**Burpee's Improved.** Large, erect productive plants; 5-inch pods holding 4 or 5 large, flat Beans. Later than Fordhook.

**Fordhook.** The green Beans are very thick, 4 to the pod, meaty, tender and juicy. The upright plants are vigorous and productive. This is the earliest-maturing, large-podded variety. Very popular.

## Pole Lima Beans

*One pound for 100 hills; 30 lbs. for an acre*

**Challenger.** Vigorous climbing plants with a heavy yield of large, plump, straight pods, 5 to 6 inches long. Each contains 4 to 6 large, green Beans which are plumper or thicker than King of the Garden.

**King of the Garden.** Large, flat pods, 6 inches long containing 4 to 5 very big, flat Beans. Very prolific, and quite early, bearing over a much longer period than any Bush Lima, thus commanding higher average market prices.

ASPARAGUS	Pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.	10 lbs.
Mary Washington Rustproof.....	\$0 10		\$0 25	\$0 75	\$2 25	\$20 00
BROCCOLI. Italian Green Sprouting....	10	\$0 30	90	2 65	8 00	60 00
BRUSSELS SPROUTS. L. I. Half Dwarf	10	40	1 15	3 35	10 00	

*All Beans, Pkt. 10 cts.;  $\frac{1}{2}$ lb. 25 cts.*

BEANS, BUSH LIMA	Lb.	5 lbs.	10 lbs.	15 lbs.	25 lbs.	60 lbs.	100 lbs.
Baby Fordhook.....	\$0 40	\$1 60	\$2 90	\$3 90	\$6 00	\$14 40	\$24
Burpee's Improved.....	40	1 60	2 90	3 90	6 00	14 40	24
Fordhook.....	40	1 65	3 00	4 05	6 25	15 00	25
POLE LIMA. Challenger.....	40	1 65	3 00	4 05	6 25	15 00	25
King of the Garden.....	40	1 60	2 90	3 90	6 00	14 40	24
POLE, GREEN, Kentucky Wonder.	40	1 65	3 00	4 05	6 25	15 00	25
King Horticultural.....	40	1 70	3 10	4 20	6 50	15 60	26
St. Louis White Cornfield.....	40	1 75	3 20	4 35	6 75	16 20	27

*We supply 25 lbs. and over at the 100-lb. rate. Write for special prices on large quantities.*

## Dwarf Green-Podded Beans

One pound will plant 100 feet of row; 60 pounds will plant an acre

**Plentiful.** (New.) For many years Bountiful has been, by far, the leading flat-podded green dwarf variety. Plentiful, though 2 or 3 days later in maturing, has slightly thicker, darker green, and *much longer*, 8-inch straight pods of better flavor.

**Bountiful.** The best heaviest yielding, flat-podded variety, with light green pods, 6½ to 7 inches long, stout, flat, somewhat curved, and absolutely stringless, in clusters, making this the easiest one to pick. Very early, vigorous, and produces heavily.

**Full Measure.** The fine stringless medium green pods are straight, 6 inches long, very fleshy, round, crease-backed, have no neck, show depressions around the Bean, and are tender. Follows Bountiful by a few days and is a heavy cropper.

**Tendergreen.** This matures early, with 6½ to 7-inch pods, quite slender, straight, and perfectly round. They are light green, absolutely stringless, meaty and tender, maturing at same season as Full Measure.

**Black Valentine.** The original strain, with round, straight slim pods, earlier than the Stringless strain but having strings. It is very prolific.

**Black Valentine, Asgrow Stringless.** The pods are quite oval in cross section and are somewhat curved, but entirely stringless. The yield is slightly lighter than the original Black Valentine.

**Black Valentine Stringless.** This strain is becoming very popular in all sections. The 6-inch pods are round, quite straight, dark green and stringless. They are usually ready for picking in 55 days. A fine market variety.

**Burpee's Stringless.** Very early, productive, hardy and vigorous, with dark green pods, 5 inches long; straight, stout, round, and crease-backed. They are tender, brittle, and strictly stringless.

**French's Horticultural, Long-Pod.** Strong, sturdy vines laden with broad, straight, 6 to 7-inch pods, heavily splashed with striking bright red. The improved strain we now offer has better length of pod, heavier yield, and more vivid color. Grown as a Shell Bean only; very sweet-flavored.

**Streamliner.** This is a new variety and is white seeded. Of very high quality, the Beans are ready to pick in about 50 days. They are tender, flat, from 8 to 10 inches long, stringless and quite free from fibre.

Bountiful Beans

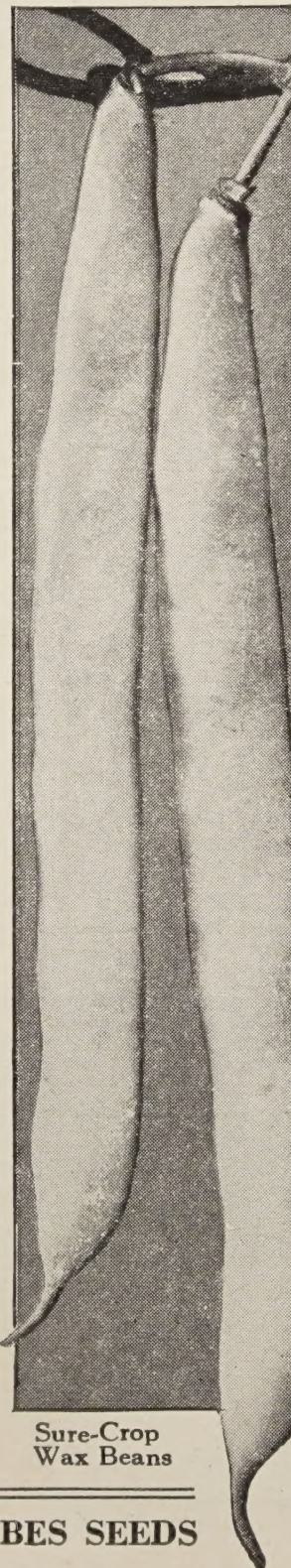
## Dwarf Wax-Podded Beans

**Pencil-Pod Wax.** Very strong, vigorous, 15 inches high, and very productive. The pods are large, 6½ to 7 inches long, fully rounded, straight and deeply saddle-backed, golden yellow, stringless, brittle, and fleshy.

**Sure-Crop Wax.** Called Yellow Bountiful. Best flat-podded wax with vigorous plants and a very heavy yield of 6½-inch, deep yellow, thick, brittle, stringless, rust-resisting pods.

**Unrivalled Wax.** It has a quite small plant, is very early, and bears enormous crop of translucent pale yellow pods about 5½ inches long, somewhat curved, half round, rather slim, but fleshy, and tender. Can be sown all season.

For prices of above and other varieties, see opposite



Sure-Crop Wax Beans

## Beets

One ounce sows 50 feet of row;  
7 pounds will plant an acre

**Asgrow Wonder.** Early and uniform. Attractive for market bunching with round to semi-globe deep red roots, small neck and tap-root. Flesh deep dark red.

**Crosby's Egyptian, Dark.** Very early, uniform, smooth, real dark blood-red roots, round but slightly flat on top. Nice green bunching tops tinged brown.

**Detroit Dark Red Selected.** Smooth, uniform, almost-globe roots which cut dark black-red throughout. Green, red-veined tops. As the tops hold up well in hot weather it is specially suitable for late summer and fall bunching.

**Detroit Dark Red, Short-Top Strain.** Earlier than regular Detroit and nicely uniform, with short tops fine for muck or rich upland soils.

**Early Wonder, Selected.** A very early, perfect bunching Beet; deep blood-red, near-globe roots and nice tops. Our superior strain is very even in shape, dark color and size. It outsells all our other Beets combined. Its earliness permits late sowing. Fine for transplanting.

**Forbes Superb.** Very dark black-red, nearly globe roots with quite small tops. On muck or rich soils, the tops are larger. Ideal for canning and relish. Very early.

**Nutting's Early Gem.** Earliest, much used for transplanting and earliest drilling. Near round roots when washed hold their bright outer color. They cut orange-scarlet, zoned lighter but after cooking cut deep red. The medium tops are light green veined red.

All Beans, except as otherwise shown, pkt. 10 cts.; ½ lb. 25 cts.; lb. 40 cts.

BEANS, DWARF GREEN	5 lbs.	10 lbs.	15 lbs.	25 lbs.	60 lbs.	100 lbs.
Black Valentine	\$1 55	\$2 80	\$3 75	\$5 75	\$13 80	\$23
Black Valentine, Asgrow Stringless	1 60	2 90	3 90	6 00	14 40	24
Black Valentine Stringless	1 60	2 90	3 90	6 00	14 40	24
Bountiful	1 60	2 90	3 90	6 00	14 40	24
Burpee's Stringless	1 60	2 90	3 90	6 00	14 40	24
French's Horticultural, Long-Pod	1 75	3 20	4 35	6 75	16 20	27
Full Measure	1 60	2 90	3 90	6 00	14 40	24
Plentiful	1 60	2 90	3 90	6 00	14 40	24
Streamliner	1 80	3 30	4 50	7 00	16 80	28
Tendergreen	1 65	3 00	4 05	6 25	15 00	25
DWARF WAX. Cracker Jack Wax	1 75	3 20	4 35	6 75	16 20	27
Brittle Wax or Round-Pod Kidney Wax						Sold out.
Pencil-Pod Wax						Sold out.
Sure-Crop Wax	1 65	3 00	4 05	6 25	15 00	25
Unrivalled Wax	1 65	3 00	4 05	6 25	15 00	25

We supply 25 lbs. and over at the 100-lb. rate. Write for special prices on large quantities

BEETS	All pkts. 10 cts.	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Asgrow Wonder	\$0 25	\$0 75	\$2 25	\$10 75	\$21 00	\$51 25	\$200	
Crosby's Egyptian, Dark	30	85	2 50	12 00	23 50	57 50	225	
Crosby's Egyptian, Light	25	75	2 25	10 75	21 00	51 25	200	
Detroit Dark Red Selected	30	85	2 50	12 00	23 50	57 50	225	
Detroit Dark Red, Short-Top	25	75	2 25	10 75	21 00	51 25	200	
Early Wonder, Selected	25	75	2 25	10 75	21 00	51 25	200	
Forbes Superb	25	75	2 25	10 75	21 00	51 25	200	
Nutting's Early Gem	25	75	2 25	10 75	21 00	51 25	200	
For Greens (round roots)	20	55	1 60	7 50	14 50	35 00	135	
SUGAR BEET. Gt. Half-Sugar Rose	20	75	2 25	11 00	21 50			

# Cabbage

One ounce for 2000 plants; 1/4 lb. to 1/2 lb. for an acre

For fall crops many growers drill the seed directly in the field, later thinning out to the desired spacing between plants in the row. This avoids all hazard of transplanting and insures continued growth during the heat and drought of late summer.

## Early Varieties

**Green Acre. (New.)** The heads of this fine variety are like Golden Acre but are larger, greener, and a few days later. The uniform, compact plants are short-stemmed and have few outer leaves. The intense green leaf color makes the heads appear fresh and inviting, even after shipping. This often means extra dollars of profit.

**Golden Acre, Super Strain.** A very superior Danish-grown strain which we maintain at its high degree of uniformity by special selection. It resembles the old Copenhagen Market but the medium-sized, firm heads, 4 to 5 pounds each, mature one week earlier than our Early Copenhagen Market. The dwarf, compact plants, with rather small frame, can be set closely to give a very heavy yield of first-quality heads. On yellows-infested land, because of its earliness, it often matures and is fully marketed before the soil becomes warm enough for the disease to become active. This strain is easily worth the higher cost of the seed.

**Yellows-Resistant Golden Acre.** This is the very earliest round-headed partly yellows-resistant variety and is more uniformly true to type than any other. By selection, we have increased its earliness so that now it matures very little, if any, later than our Golden Acre, Super Strain.

**Yellows-Resistant Racine Market.** Of Golden Acre size maturing in about 65 days after setting plants. The heads are round, compact and solid, dependably uniform and of good gray-green color. Similar in leaf and head type to Copenhagen Market. Excellent for early market and shipping.

**Copenhagen Market.** The round, solid heads, larger than Golden Acre, are of fine quality and very uniform. The light green leaves fold tightly over one another. Plants are short-stemmed, with heads just above the ground.

## Second-Early Varieties

**Yellows-Resistant Glory of Enkhuizen (Globe).** This second-early short-stemmed variety is very sure-heading and of excellent quality. The vigorous plants have quite big, rather spreading, curved and frilled outer leaves. Its dark green heads are round with very short core, very hard and solid, and large for so early a variety, maturing a week after Marion Market. Seldom attacked by cabbage worms.

**Yellows-Resistant Copenhagen Market.** Matures 2 to 3 weeks after Copenhagen Market Early. The almost-round, very hard heads ship perfectly. They stand in the field over a long cutting period without bursting, often being cut along with the late varieties.

**Yellows-Resistant Marion Market.** A heavy yielder of round, very deep, hard heads like Copenhagen but the plant is larger. Ours is a very fine strain gaining in use each year.

## Chinese Cabbage

**Special Narrow Head.** A great specialty of ours. Upright, tapered heads, 15 to 18 inches tall and 4 to 5 inches across, very solid, well blanched, crisp and of delicious flavor. Drill seed in June or July (do not transplant) in rows 2 1/2 feet apart and thin to a foot apart. Matures in 8 to 10 weeks. Keeps for a long time in storage.



Super Strain Golden Acre Cabbage

## Red Cabbage

**Red Acre.** The very earliest deep red; extremely uniform and sure heading. Matures just after Copenhagen. Has shape and size of Golden Acre.

**Yellows-Resistant Red Hollander.** Late, and fine for storing. A heavy yielder and sure header. Not as large as Mammoth Rock Red but darker.

## Savoy Cabbage

**Chieftain.** Earlier than standard Savoy as it matures in 88 days from setting of plants. Medium-sized, short-stemmed, compact plants with broad rounded, uniformly savoyed, dark olive-green leaves. Heads are medium-large, drumhead type, thick and flattened but rounded on top, and firm. Stand long without bursting. Not resistant to yellows.

**Perfection Drumhead, XXX.** The strong plants have but few outer leaves growing closely about the large, solid, very hard, round, nice green heads. The leaves are heavily savoyed.

## Late Cabbage

**Danish Roundhead, Short Stem.** One of the best-keeping varieties. Heads are round, large, heavy, and very hard.

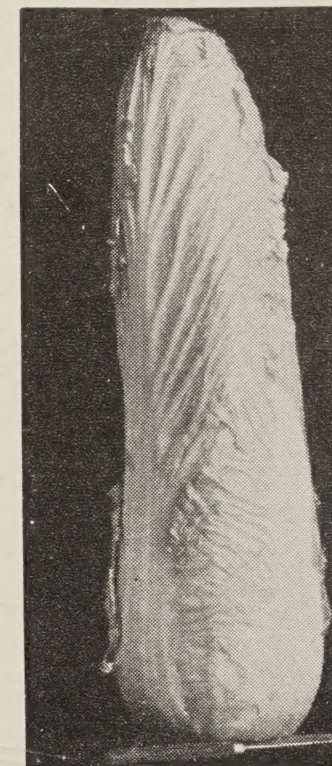
**Hollander.** Vigorous, compact, short-stemmed plants with few, upright, large leaves. The very solid, round, medium-sized heads ship perfectly and keep well until late spring.

**Hollander, Ferry's.** Extra-fine with extremely uniform hard, round heads, slightly smaller than Hollander, on short stems. Likes a good rich soil. Ships very well.

**Penn State Ballhead.** A very hard-heading selection of Danish Ballhead which yields an increased tonnage per acre. The heads are solid, uniform, fine-grained, on short stems, and keep well. Well suited to early May seeding, setting plants in early June to mature in early September when Cabbage usually brings high prices.

**Yellows-Resistant Bugner's.** A very heavy-yielding variety with slightly flattened round, very solid, heavy heads that are larger and later than Penn State Ballhead.

**Yellows-Resistant Wisconsin Hollander No. 8.** The heavy, hard, round "Ballheads," slightly flattened, are unexcelled for storing, shipping and kraut manufacture. Each weighs 7 to 9 pounds.



Special Narrow Head Chinese Cabbage

All Cabbage, Pkt. 10c.

CABBAGE, EARLY	1/4 oz.	Oz.	1/4 lb.	Lb.	10 lbs.
Copenhagen Market.....	\$0 25	\$0 75	\$2 20	\$6 50	\$62 50
Golden Acre.....	30	80	2 35	7 00	67 50
Golden Acre, Super Strain.....	Crop failure				
Green Acre.....	Crop failure				
Yellows-Resistant Golden Acre.....	Crop failure				
Yellows-Resistant Racine Market.....	Crop failure				
SECOND-EARLY. Yellows-Resistant All Seasons.....	25	75	2 20	6 50	62 50
Yellows-Resistant Copenhagen Market.....	25	70	2 00	6 00	57 50
Yellows-Resistant Glory of Enkhuizen.....	30	80	2 35	7 00	67 50
Yellows-Resistant Marion Market.....	25	70	2 00	6 00	57 50
LATE. Danish Roundhead, Short Stem.....	25	75	2 20	6 50	62 50
Hollander.....	25	75	2 20	6 50	62 50
Hollander, Ferry's.....	30	80	2 35	7 00	67 50
Late Flat Dutch.....	25	75	2 20	6 50	62 50
Penn State Ballhead.....	30	80	2 35	7 00	67 50
Yellows-Resistant Bugner's.....	Sold out				
Yellows-Resistant Wisconsin Hollander No. 8..	25	70	2 00	6 00	57 50
SAVOY. Chieftain.....	25	75	2 20	6 50	62 50
Perfection Drumhead, XXX.....	25	75	2 20	6 50	62 50
RED CABBAGE. Red Acre.....	Crop failure				
Yellows-Resistant Red Hollander.....	35	1 00	3 00	9 00	87 50
CHINESE CABBAGE. Narrow Head. Pkt. 10c..	15	45	1 35	4 00	39 00

## Carrots

One ounce will sow 100 feet of row; 3 pounds will sow an acre

**Chantenay Long.** Like Chantenay Half-Long in all respects except that the root is 6½ to 7 inches long. These uniform, smooth, clean, nicely colored roots have substantial tops that will not break off after being bunched. Many grow this variety with great success on upland soils where it runs very uniform in size and shape, and holds its bright orange color. Our strain is specially selected.

**Chantenay Half-Long.** Our strain is specially selected, with uniform, 5 to 5½-inch clean roots, and nice bunching tops. A medium-early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. It is very popular for bunching and for frame use, allowing close planting. Shaped 2¼ inches broad at shoulder, tapering toward base and running suddenly to a point.

**Imperator.** This is the long Carrot now being shipped from California. It is longer than Danvers, averaging 8 inches, but is more stump-rooted. Its color is deep orange. The core is equally deep orange and small. Its fine bunching tops and smooth, attractive, uniform roots are ideal for local market or for shipping.

**Morse's Bunching.** Slightly tapering, cylindrical roots, 8 by 1¼ inches, with half-stumped points. Short, coarse, strong tops and easily pulled. Flesh deep orange and coreless. Fine for long bunching Carrots.

**Nantes.** Fine for frame use. The bright orange, smooth root is cylindrical, 6½ inches long and 1¼ inches across, with very blunted end and small tap-root. The flesh is red, sweet, almost coreless and of unsurpassed quality.

**Nantes XXX.** This, a *de luxe* strain of the well-known Nantes, meets the most exacting needs for uniformity of form, size, and color. The cleaner, brighter orange, finer-textured roots average 7 inches long and 1¼ inches across and are nearly coreless. The top is ordinarily small and short, but when grown on muck soil, tops grow larger. This makes it ideal for muck-soil bunching. Nantes XXX is carefully selected each year to maintain its very high standard of quality. Our comparative trials have failed to show any strain which equals it. It is well worth the higher seed-cost.

**Red-cored Chantenay.** The rich flesh-color of this variety is deep red-orange with indistinct core of practically the same color. The nice roots average 6 inches in length, 2¼ inches across at the shoulder, tapering gradually but abruptly to a stump root. The quality is fine. It is excellent for canning and grows specially well on muck soils.



Morse's Bunching Carrots

For prices of above and other varieties not described, see opposite

## Carrots, continued

**Coreless.** Very early maturing, cylindrical, blunt-ended, smooth, clean roots, 6 by 1¼ inches with tiny tap-roots and small, fine tops. The red-orange flesh is tender, and absolutely without any core.

**Supreme Half-Long.** This variety is good both for bunching and for bushel Carrots as the tops are not too large. The attractive deep orange 6-inch roots tapering to a half stump like Danvers Half-Long, are quite smooth, very tender and sweet, and have a small orange-red core.

**Danvers.** Smooth, 7-inch roots with 1¾-inch square shoulders, tapering to a nice point. The orange-red flesh is crisp and sweet. Specially selected for uniformity and heavy yield. Fine for shipping and storing.

**Hutchinson XXX.** There is none finer than this *de luxe* strain to meet the most exacting needs for uniform size, form and color. The cylindrical roots are 10 inches long, taper very slightly, and cut light orange with a large faint core.

## Cardoon

One ounce will grow 300 plants

**Spanish.** Large, fleshy-leaved plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves when cooked are tender and of an agreeable flavor.

## Celeriac or Knob Celery

One ounce sows 800 feet

**Dwarf Moonarchie.** Produces large, smooth roots of fine quality, which are used as a flavoring or eaten as a salad. The "knob" will grow larger if the outer leaves are pulled and used for soup greens. This strain is fine-grained, free from side roots, and has a short top.

## Collards

One ounce will sow 200 feet of row

**Georgia.** Cultivate like Cabbage, as it is really a tall loose-leaved form, 3 feet high, forming a cluster of undulated leaves at the top of its long stem.

## Corn Salad

Three ounces sows 100 feet of row

**Broad-Leaf.** (Field Salad.) Hardy little plants, forming rosettes of tender edible leaves and used as a substitute for lettuce. Grown for late fall, winter, and spring use.



Spanish Cardoon

CARROTS. All, pkt. 10c.	Oz.	¼lb.	Lb.	5 lbs.	10 lbs.	25 lbs.
Chantenay Half-Long. ....	\$0 20	\$0 65	\$2 00	\$ 9 75	\$18 00	\$42 50
Chantenay Long. ....	25	75	2 25	11 00	20 50	48 75
Coreless. .... ¼oz. 15c..	35	1 10	3 25	16 00	30 50	73 75
Danvers. ....	25	75	2 25	11 00	20 50	48 75
Hutchinson, XXX. .... ¼oz. 15c..	35	1 10	3 25	16 00	30 50	73 75
Imperator. ....	30	85	2 50	12 25	23 00	55 00
Morse's Bunching. ....	30	85	2 50	12 25	23 00	55 00
Nantes. ....	35	1 10	3 25	16 00	30 50	73 75
Nantes, XXX. .... ¼oz. 15c..	35	1 10	3 25	16 00	30 50	73 75
Red-cored Chantenay. ....	25	75	2 25	11 00	20 50	48 75
Supreme Half-Long. .... ¼oz. 15c..	35	1 00	3 00	14 75	28 00	67 50
Touchon. ....	35	1 10	3 25	16 00	30 50	73 75
CARDOON. Spanish. ....	Pkt.	Oz.	¼lb.	Lb.	10 lbs.	
Not available						
CELERIAC. Dwarf Moonarchie. ... ¼oz. 30c..	\$0 10	\$0 90	\$2 65	\$8 00	\$75 00	
COLLARDS						
Georgia. ....	10	15	40	1 25	11 50	
CORN SALAD. Broad-Leaf. ....						
Not available						

487 Washington St., Newark 2, N. J.

# Yellow Celery

One ounce grows 8,000 plants;  
1/4 pound plants an acre

## Original Prize-Winning Golden Plume (Taller Strain)

Each year our strain of Golden Plume wins prizes in hundreds of local, county, and state contests. It shows consistent highest quality year after year—you can absolutely depend upon it. **This seed is Jersey grown, under our own supervision, costs more to produce, but greatly excels California seed.** It closely resembles the old Golden Self-Blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, *matures one week earlier, and shows less tendency to blight or crown-rot than any other Golden Plume strain.* It shows the large, full-plumed center so much desired. Our Golden Plume is first on the market.

## Other Yellow Varieties

**Golden Plume (Shorter Strain).** For those markets which prefer a shorter-stalked Golden Plume. It is just as full-hearted as the taller type, and grows very rapidly.

**Ivory Pascal.** This is a golden version of King Pascal. It follows Golden Plume by two weeks, blanches easily to ivory-white color and has excellent flavor and quality.

Ivory Pascal matures at the same time as King Pascal, is 1 to 2 inches taller, has more but slightly smaller stalks per plant and a fuller heart, is not so brittle and so handles better. The stalk is deeply rounded, with deep narrow grooves almost closing on the inside, and a smooth glossy outside. If marketed from the field it requires only short time blanching and if stored in the cooler, Ivory Pascal needs no field blanching before storing.

**Superplume.** An early Golden Plume with heavy, 8 to 9-inch, firm crisp stems which blanch well. Fine for storage.

**Tall Golden Self-Blanching.** Develops very rapidly and blanches up very quickly, but the heart, while long, is not so heavy as in Golden Plume. Matures early; ships well.



Golden Plume Celery



Newark Market Celery

# Green Celery

**California Pascal.** Of Utah parentage with earlier, taller, vigorous growth. The Pascal stems, rounded, with deep channels, are smoother and less ribbed, firm and crisp. This is a late green type and has excellent flavor and quality.

**Emperor Special.** Compact, 1 1/2 feet high, with dark green foliage, and it resists disease. The stalks are very thick, smooth, stringless, crisp, and blanch white. Stores very well.

**Full Heart.** The 20-inch stalks, well rounded and with full hearts, are easily blanched to light golden. The rounded stalk eliminates the softness sometimes found in Easy-Blanching. Good for cold storage or trenching.

**Giant Pascal.** A very desirable long-keeping green winter variety, growing about 2 feet high, making broad, thick, stringless stalks and large hearts. The hearts blanch to golden yellow and the crisp, solid stalks to a pearly white. Giant Pascal is the finest-flavored Celery, exceeding all others in its rich nutty flavor. Specially fine for midwinter use as the stalks remain solid and brittle.

**Jersey Green.** A splendid easy-blanching green strain perhaps best described as a slightly dwarfed Newark Market. It has just as heavy stalks and heart, blanches a trifle sooner with very full hearts and is a good keeper.

**King Pascal.** Wherever Summer Pascal green Celery is grown our new King Pascal will be a revelation and grow just about as tall. Compared with our well-known Taller Golden Plume, it is 4 inches shorter. The stems, 6 inches or more to the first joint, are very smooth and glossy. They are deeply rounded, almost closing on the inside with very narrow deep grooves. The heart is much larger than Summer Pascal and the stalks blanch better as they are lighter in color. King Pascal matures just after Newark Market and keeps well. It is the crispest, best eating Celery of all. King Pascal has found a very large use for summer and fall crop. It can also be sown with early-crop Celery as it shows a strong tendency not to go to seed. There is very little loss in trimming for market.

**Newark Market (Jersey Grown).** Its great distinctions are its ability to blanch quickly, great vigor, and complete resistance to Celery "sickness," heart rot, or blight. Plant is somewhat taller than Dwarf Golden Self-Blanching, foliage is broader, and the stalks are higher jointed, heavier, and more plainly ribbed. The stalks are easily blanched, by boarding, in from two to three weeks' time, and blanching may be hastened by partial earthing up before boarding. Newark Market develops very rapidly and it produces large, thick, fleshy stalks of great solidity, very brittle, crisp and of unusually fine flavor.

## Cornell No. 19—For main crop; yellows-resistant

Developed by Cornell University, this yellow self-blanching Celery has the desirable green Pascal features with the earliness, easy-blanching and color of the golden strains. The stalks are 11 inches to the joint, smooth ribbed and deeply rounded. The hearts are long and well developed. The flesh is thick, tender and stringless. Not only the heart has super quality and flavor but even the outer stalks are tender and fine. Cornell No. 19 has already been proven highly successful on both muck and upland soils. The vigorous, healthy, high-yielding plants averaging 24 inches in height, are highly resistant to fusarium yellows. As it tends to produce seeders if planted too early, we suggest it for main crop. It blanches quickly and stores well.

CELERY	Pkt.	1/4oz.	Oz.	1/4lb.	Lb.	10 lbs.
California Pascal.....	\$0 15	\$0 55	\$1 65	\$5 00	\$15 00	
Cornell No. 19.....	15	55	1 65	5 00	15 00	
Emperor Special.....	10	35	1 00	3 00	9 00	\$85 00
Full Heart.....	15	60	1 90	5 75	20 00	
Giant Pascal.....	10	25	70	2 00	6 00	55 00
Golden Plume, Shorter Strain.....	15	55	1 65	5 00	15 00	
Golden Plume, Jersey Grown, Prize-Winning Taller Strain.....	20	75	2 20	6 60	23 00	210 00
Golden Self-Blanching, Tall.....	10	45	1 35	4 00	12 00	110 00
Ivory Pascal.....	20	80	2 40	7 20	25 00	
Jersey Green.....	15	60	1 90	5 75	20 00	
King Pascal.....	20	80	2 40	7 20	25 00	230 00
Newark Market (Jersey Grown).....	20	80	2 40	7 20	25 00	230 00
Superplume.....	15	60	1 90	5 75	20 00	
Utah.....	15	55	1 65	5 00	15 00	

## Cauliflower

One ounce will produce 1500 to 2000 plants;  
6 to 8 ounces will plant an acre

**"The Forbes."** This fine outstanding variety far surpasses any other for early or late crop. It is of the Snowball type but the crop heads up practically all at one time. For this reason, do not use it for large main-crop plantings unless planted in succession. It excels all Snowball and Erfurt Cauliflowers for vigor and freedom from disease and produces first-grade No. 1 heads, even under adverse growing conditions when most other varieties cut largely second-grade heads. "The Forbes" is very early and the whole crop will be entirely headed up when only an occasional plant heads of the other varieties, planted at the same time.

"The Forbes" has unusually fine protection. The leaves are broad, somewhat crumpled, and without any bare stem. The inner leaves wrap tightly over the head from its beginning up to 4 inches diameter, when the heads should be tied up. A few days of favorable growing weather quickly increase the size to 10 to 11 inches diameter. For this reason, watch the plants closely and cut at the size that best suits your market. Broad, pure white, solid, rounded curds.

**Forbes Reliance.** A truly *de luxe* strain in which nearly every plant produces very deep, unusually heavy, No. 1 heads with fine white curds. The large thrifty plants are thoroughly well protected, both by the form of their growth and by the abundant foliage. The heads vie as to size, color and weight with the best we have seen, and we believe the plants are more than ordinarily resistant to the climatic and moisture extremes to which Cauliflower is so sensitive. While best for main crop, it has given excellent results for early crop, where maturing all at once is not essential. The heads are slightly smaller than if grown for a fall crop, and will mature slightly later than an early crop of "The Forbes."

**White Mountain.** We offer this excellent, vigorous, uniform strain not only for its fine physical qualities that make it a perfect Cauliflower but, more important still, for its ability to produce those sterling qualities of perfection under particularly trying and adverse growing conditions. Where other first-quality strains have failed, White Mountain has, by its inherent resistance, produced perfect crops. The heads, with a pure white curd of fine texture, have great depth, with no "riciness" or interleaves. The foliage is medium-sized, with inner leaves which fully protect the head until nearly mature. The main crop will be ready in 120 days.

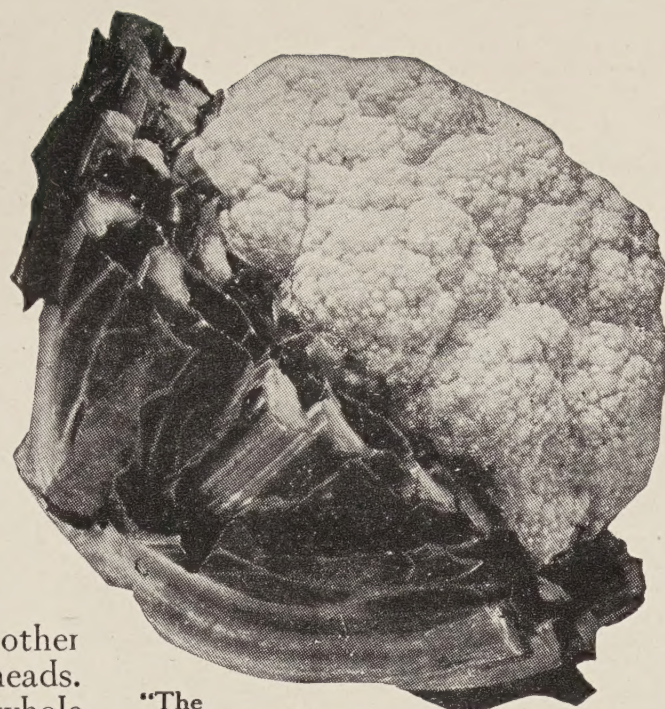
**Early Snowball, Forbes Strain.** An extra-early variety, but it has displaced many of the large late sorts for fall use. It is of fine quality and produces snow-white heads, averaging 8 to 10 inches in diameter. It is small-leaved and its close-growing, compact habit permits planting one-third more plants on the same land. Will withstand very unusual weather and still produce a good crop.

**Super-Snowball.** A first-early, quick crop which matures very evenly. It is hardly excelled by any other as to size or color.

**Snowdrift.** Large, deep, firm heads with a fine, well-protected white curd. Excellent for main crop

For prices on above and other varieties not described, see opposite

Our supply of Imported Cauliflower Seed has been entirely sold out. We recommend our present strains as the best obtainable for the duration.



"The Forbes" Cauliflower

## Cucumbers

One ounce for 50 hills; 2 pounds per acre in hills,  
5 pounds in drills

**Longfellow.** Long, slender, dark green fruits that look like fine-quality hot-house Cucumbers. They are perfect when 10 inches long and 2 inches across, and when mature are 12 to 14 by 2½ to 2¾ inches. This is very popular as the fruits are very smooth, evenly surfaced, and almost entirely colored with very dark green. They are ideal at mid-size for packing in fancy flat boxes and retain their dark green when shipped to distant markets. The vines are quite productive.

**Colorado.** A beautiful, long, slender, very dark green white spine bringing a premium on critical markets. The fruits, 10 by 2½ inches and weighing 2 pounds, are inclined to taper, especially at the stem end. The vigorous, productive vines are highly resistant to unfavorable growing conditions and form fruits in about 60 days. Holds its intense dark color longer than any other.

**Straight-8.** The prolific vines yield a surprisingly large number of straight, smooth, cylindrical fruits, 8 by 1¾ inches, with rather blunt-rounded ends. They are deep green with slight green rays at the blossom end but free from objectionable striping or tipping. It is ideal for shipping but equally desirable for local market.

**Clark's Special.** An outstanding, main-crop, productive variety with very uniform, firm, very dark green fruits, about 9 inches long and slightly tapered at both ends.

**Davis Perfect.** Disease-resistant shipper, with 9 by 2½-inch fruits, which stay brittle and dark green long after picking.

**Early Fortune.** Very early, productive, disease-resistant strain with slightly tapering, 9 by 2½-inch, dark green fruits which do not fade when shipped.



Straight-8 Cucumber

**Forbes Prolific White Spine.** Noted for the heavy yield of early, dark green, 8 to 9-inch fruits, nicely tapered off at each end. Earlier than other white spines, stands hot sun better. Often grown for pickles.

**National Pickling.** Uniform, productive, with black-spined dark green fadeless fruits.

**Woodruff's Hybrid.** The strong, healthy vines mature quite early, a heavy yield of straight, dark green fruits, 8 to 10 inches long. Hold crispness and color for a week in shipping.

### CAULIFLOWER

	Pkt.	¼oz.	Oz.	¼lb.	Lb.
Catskill Snowball.....	\$0 20	\$1 10	\$3 35	\$10 00	\$35 00
Early Snowball, Forbes Strain.....	20	1 10	3 35	10 00	35 00
Forbes Reliance.....	20	1 25	3 85	11 50	40 00
Holland Erfurt.....	20	1 10	3 35	10 00	35 00
Snowdrift.....	20	1 10	3 35	10 00	35 00
Super-Snowball.....	20	1 10	3 35	10 00	35 00
"The Forbes".....	20	1 10	3 35	10 00	35 00
White Mountain.....	20	1 10	3 35	10 00	35 00

### CUCUMBERS

	All, pkt. 10c.	Oz.	¼lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
A. & C.....	\$0 20	\$0 65	\$2 00	\$9 50	\$18 00	\$42 50	\$165 00	
Boston Pickling.....	20	60	1 75	8 25	15 50	36 25	140 00	
Clark's Special.....	20	50	1 50	7 00	13 00	30 00	115 00	
Colorado.....	20	65	2 00	9 50	18 00	42 50	165 00	
Davis Perfect.....	20	50	1 50	7 00	13 00	30 00	115 00	
Early Fortune.....	20	60	1 75	8 25	15 50	36 25	140 00	
Forbes Prolific White Spine.....	20	50	1 50	7 00	13 00	30 00	115 00	
Longfellow.....	20	75	2 25	10 75	20 50	48 75	190 00	
Long Green Improved.....	20	75	2 25	10 75	20 50	48 75	190 00	
National Pickling.....	20	60	1 75	8 25	15 50	36 25	140 00	
Straight-8.....	20	65	2 00	9 50	18 00	42 50	165 00	
Woodruff's Hybrid.....	20	50	1 50	7 00	13 00	30 00	115 00	

# Sweet Corn

One pound plants 200 hills; 12 pounds plants an acre

## New Disease-Resistant Hybrids

**Spancross C4.13.** This is the earliest good hybrid and matures in 67 to 70 days, well ahead of Golden Early Market. The 12-rowed, deep yellow ears are 6 to 7 inches long and well filled, about two to each 4 to 5-foot stalk.

**Marcross C13.6.** One of the best early hybrids. The 5-foot stalks produce 8-inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days. Highly disease-resistant, well over 85 per cent of the ears are usually marketable.

**Carmelcross.** A hybrid of unusually high quality. The deep yellow, 10 to 14-rowed, 8-inch ears come on stalks 6 feet high. They are ready to pick in 78 to 82 days, just nicely following Marcross C13.6. This strain is very highly disease-resistant. High eating quality and delicious sweet flavor.

**Golden Cross Bantam.** The very sturdy stalks, with broad dark green leaves, are unbelievably uniform. This applies also to the 8-inch, 10 to 14-rowed yellow ears which mature all at one time in 88 to 90 days. The tightly wrapped husks resist ear-worms. Is 95 per cent immune.

**Ioana.** A fine disease-resistant main-crop variety often withstanding more drought than Golden Cross Bantam. The broad-leaved stalks, 6 to 7 feet tall, bear cylindrical, 12 or 14-rowed, tender, cream-yellow ears over 8 inches long in 86 days.

**Lincoln.** A top-rank, bright yellow hybrid maturing between Carmelcross and Golden Cross Bantam in 82 days. The well-filled, tapering ears, 8 inches long and 2 inches in diameter, are 12 to 16-rowed. The vigorous, well-foliaged stalks are 6 feet high.

**Narrow Grain Evergreen 26.15.** A white hybrid of high quality. The 7-inch ears, uniformly tapered with 18 to 22 rows of narrow, deep white kernels, mature in 98 days on 8-foot stalks.

## First Early

**Golden Early Market.** The stalks grow 5 feet high and the golden yellow ears, 7 inches long, are 12 or 14-rowed and ready in 72 to 75 days.

## Early Variety

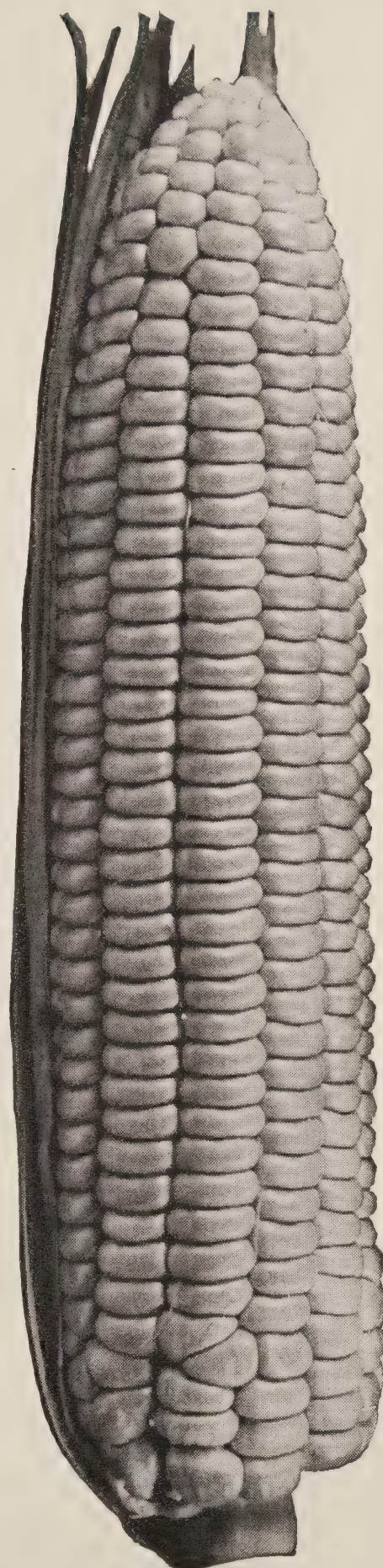
**Whipple's Yellow.** Matures in 82 to 87 days and grows golden yellow ears 7 to 8 inches long and 12 to 16-rowed, often two to a 6-foot stalk.

## Late Varieties

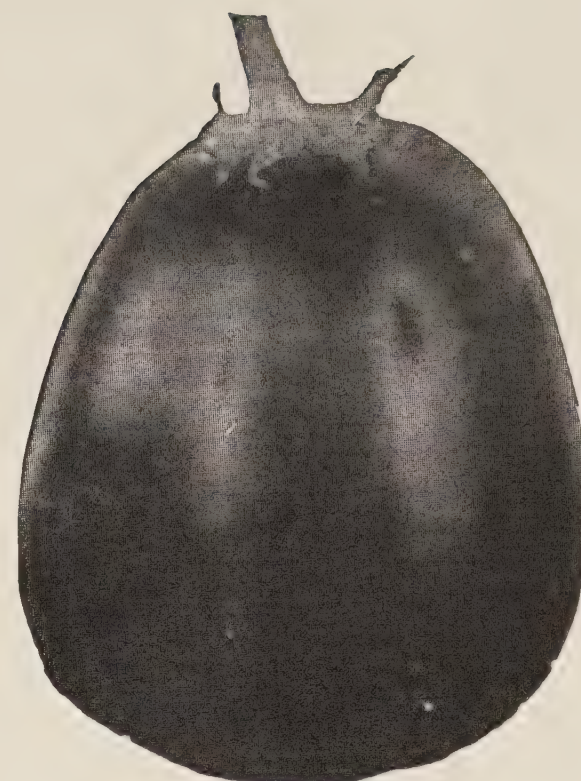
**Bantam Evergreen.** A cross between Golden Bantam and Stowell's Evergreen. Ready in 90 to 95 days; 8-inch golden yellow ears, 12-rowed, filled with big, deep grains.

**Stowell's Evergreen.** Ears, 7 to 9 inches long and 18-rowed, are white, remaining in a green state for a long period. The stalks grow 7½ feet. Ready in 95 to 100 days.

For prices on above and other varieties not described, see opposite



Golden Cross Bantam Corn



Black Beauty Eggplant

## Dandelion

One ounce will sow 200 feet of row

**Thick-Leaf.** Unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular upright tuft, and making an abundant crop without using much ground.

**Italian (Ciccoria catalogna).** Produces one main stalk which, when cut, causes the plant to produce numerous sprouts. These are cut several times through the season and sold in bunches.

## Eggplant

One ounce will produce about 1000 plants;  
¼ pound will sow an acre

**Black Beauty.** The earliest and best of all large-fruited Eggplants. The bushes are well rounded, sturdy, branching freely near the ground. The large dark purplish black fruits are thick, heavy at the base.

**Early Long Purple.** Dark purple elongated fruits, 7 to 8 inches long, 2½ to 3 inches across, produced early on 26-inch plants.

**Fort Myers Market.** Vigorous 32-inch, high-bush type yielding a succession of glossy purplish black fruits, 9½ inches long, 6 inches across, neckless, oval shaped but larger at base.

## Endive

One ounce sows 150 feet; 3 pounds sows an acre

**Florida Deep Heart.** The plants grow to large size with large, broad, bright green leaves somewhat rounded at the ends. The heavy plants form a very deep heart.

**Full Heart Batavian.** The broad, twisted or waved, thick leaves are slightly paler green but grow more upright. The heart is very full; the midribs are white.

**Green Curled Rose-Ribbed.** Rosette, 18 inches across, of very curly leaves with underside of midribs tinted pale rose-pink. Hardy vigorous growing with deep bright green leaves and golden heart. Stands hot weather well.

**Mammoth Bordeaux Curled.** Attains large size—20 inches across. Center very full and close. Fine for summer and autumn.

Hybrid Corn, pkt. 15 cts., ½ lb. 35 cts.; regular varieties, pkt. 10 cts., ½ lb. 25 cts.

SWEET CORN, HYBRIDS	Lb.	5 lbs.	10 lbs.	15 lbs.	25 lbs.	100 lbs.
Carmelcross.....	\$0 60	\$2 40	\$4 50	\$6 30	\$9 75	\$36 00
Golden Cross Bantam.....	60	2 40	4 50	6 30	9 75	36 00
Ioana.....	60	2 40	4 50	6 30	9 75	36 00
Lincoln.....	60	2 70	5 10	7 20	11 25	42 00
Marcross C13.6.....	60	2 40	4 50	6 30	9 75	36 00
Narrow Grain Evergreen 26.15.....	60	2 60	4 90	6 90	10 75	40 00
Spancross C4.13.....	60	2 40	4 50	6 30	9 75	36 00
FIRST EARLY. Golden Early Market..	40	1 65	3 10	4 20	6 50	24 00
EARLY. Golden Bantam.....	40	1 65	3 10	4 20	6 50	24 00
Whipple's Yellow.....	40	1 55	2 90	3 90	6 00	22 00
Wonder Bantam.....	40	1 65	3 10	4 20	6 50	24 00
LATE. Bantam Evergreen.....	40	1 55	2 90	3 90	6 00	22 00
Country Gentleman.....	40	1 75	3 30	4 50	7 00	26 00
Stowell's Evergreen.....	40	1 55	2 90	3 90	6 00	22 00

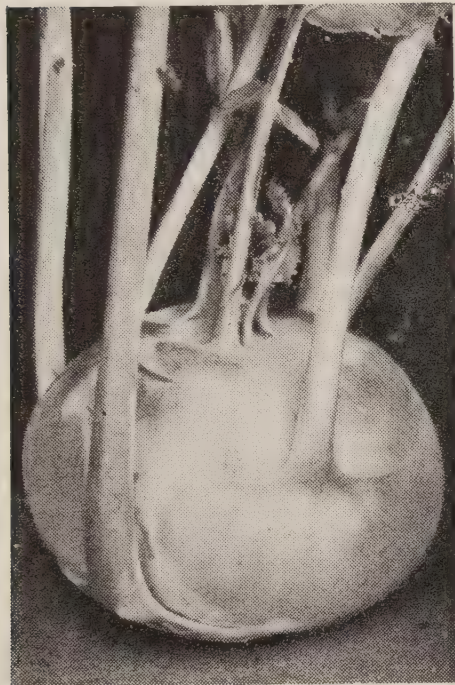
We supply 30 lbs. and over at the 100-lb. rate. Write for special prices on large quantities.

DANDELION	Pkt.	¼ oz.	Oz.	¼ lb.	Lb.	10 lbs.
Italian (Ciccoria catalogna).....	\$0 10	\$0 20	\$0 50	\$1 50	\$4 50	
Thick-Leaf.....	10	25	75	2 20	6 50	\$60 00
EGGPLANT. Black Beauty.....	10	30	80	2 35	7 00	65 00
Early Long Purple.....	10	30	90	2 65	8 00	
Fort Myers Market.....	10	35	1 00	3 00	9 00	85 00
ENDIVE. Florida Deep Heart.....	10	15	30	85	2 50	22 50
Full Heart Batavian.....	10	15	30	85	2 50	22 50
Green Curled Rose-Ribbed.....	10	15	30	85	2 50	22 50
Mammoth Bordeaux Curled.....	10	15	30	85	2 50	22 50

## Herbs

Feet of row per ounce shown below

- Basil, Sweet.** (150 ft.) Branching 1-foot hardy annual for flavoring.
- Dill, Mammoth.** (100 ft.) Hardy, 2½-foot annual. Sow thickly in very early spring, pull by roots and bunch in June. The foot-high greens relished by Jewish people. Also planted to be ready with dill pickles.
- Fennel, Florence.** (75 ft.) Bulb-like base, with numerous branching leaf-stalks and dense, feathery, aromatic foliage. Blanch bulbs with soil. An Italian delicacy.
- Marjoram, Sweet.** (150 ft.) Leaves and stems used for flavoring. Ht. 2 ft.
- Sage, Broad-Leaf.** (100 ft.) Gray-leaved, 1½-foot plant for seasoning.
- Savory, Summer.** (150 ft.) Slender, branching, 10-inch plant for flavoring.
- Thyme, Broad-Leaf.** (100 ft.) An aromatic, 10-inch plant for seasoning.



White Vienna Kohlrabi

## Kale

One ounce sows 200 feet; 4 pounds sows an acre

- Blue Curled Dwarf Scotch.** More hardy and dwarfer than Green Curled Dwarf Scotch and has a distinctive bluish green color. It is very short-stemmed, of spreading habit with finely curled leaves.
- Green Curled Dwarf Scotch.** Winters over where temperature does not go below zero. Low-growing, rarely higher than 1½ feet, with finely curled, spreading, bright green, long leaves which are produced in great abundance and keep well. Our strain is very uniform.
- Siberian.** Very vigorous, hardy, of dwarf spreading habit, with bluish green flat-centered leaves, coarsely curled and crumpled at the edges. Will stand longer in the spring than any other before bolting.
- Eastern Special Dwarf Green Curled.** An extra-select strain of Dwarf Green Curled Scotch. The plants grow extra flat to the ground, having a very wide spread of finely curled leaves and a very full heart.

## Kohlrabi

One ounce will sow 200 feet; 4 pounds will sow an acre

- Purple Vienna.** Green, purple-veined leaves and purple stems. The round bulbs, best when 2 inches across, are purple skinned but the flesh is white and tender.
- White Vienna.** Very early, having few leaves. Mild-flavored, smooth white bulbs of medium size and fine quality, ready 75 days after sowing. A fine forcing sort and can be planted closely. The bulbs are best when about 2 inches in diameter. The most popular variety.

## Leek

One ounce will sow 100 feet; 4 pounds will sow an acre

- American Flag.** A very fine, early, productive variety, being a strong, quick grower. Stems are 2 inches in diameter and blanch 10 inches from the root. Somewhat sensitive to cold and best used for late summer.
- Giant Italian or Musselburgh.** Very hardy, long keeper, good for winter or fall crop. Stem 6 to 8 inches long, and often 3 inches thick. The leaves are dark green. Keeps very well when trenched.

## Head Lettuce

One ounce for 2,500 plants; 3 pounds per acre

- Great Lakes.** With large leaves and heavy midribs, the firm heads, 5 days later than No. 44, are larger than No. 456. Withstands heat and sun, is slow to go to seed, very resistant to tip burn. Also fine for cool weather.
- New York No. 12.** An early strain doing well right up to July.
- New York No. 55.** Earliest New York with deep, round medium green, crisp heads, closely formed at the base and free from large, base leaf-ribs. Heads are one-fifth smaller than Imperial No. 847. Highly tip-burn-resistant. Particularly well suited to the East.



Imperial Lettuce No. 847

- Imperial No. 44.** For use on muck soils. Some report better results on heavy land than on light soils. The compact medium-sized plants, in 80 to 85 days, form very firm, medium-large uniform heads. Does not resist tip-burn.
- Imperial No. 456.** With heavily serrated, light green leaves, this forms heads of same size as Imperial No. 487 firm and hard during hot weather and resistant to tip burn. It is excellent for both early and main crop.
- Imperial No. 847.** The large-framed plants have large, rounded, medium-green heads with abundant wrapper leaves. Shows high resistance to brown blight. Specially recommended for field-drilled summer and fall production, as well as spring transplanted crop. Later than New York No. 12 but stands longer.
- White Boston N. J. Special.** A high-class pale green-leaved Big Boston type without the red-tinged leaf-edge. Dependable for growing in coldframes, for first field-planting in the early spring, and for fall. Comparatively free from tip-burn.

## Romaine Lettuce

- Dark Green Cos.** Self-folding, compact, 9-inch upright heads which resist heat well.
- Trianon Cos.** Earlier maturing than any other Cos. The compact, upright heads, 12 inches high, are blunt at the top and solid. The long, spoon-shaped light green leaves are crimped, broad ribbed and very crisp, the inner leaves perfectly blanched.

## Loose-Leaf Lettuce

- Black-Seeded Simpson.** Early, large, broad, frilled, light green, crisp, smooth leaves.
- Grand Rapids.** Very hardy, upright plants of loose, bright green leaves, savoyed and crimped at edges. Early; stands extremes.
- Grand Rapids Greenhouse Strain.** (Tip-Burn Resistant.) Forms upright compact clusters of light green leaves with heavy frilled edges. Notably uniform, for critical greenhouse trade.

HERBS	Pkt.	¼oz.	Oz.	¼lb.	Lb.	10 lbs.
Basil, Sweet.....	\$0 10	\$0 25	\$0 70	\$2 00	\$6 00	
Dill, Mammoth.....	10		20	50	1 50	\$14 00
Fennel, Florence.....	10		20	60	1 75	15 00
Marjoram, Sweet.....	15	60	1 90	5 75	20 00	
Sage, Broad-Leaf.....	15	60	1 90	5 75	20 00	
Savory, Summer.....	15	55	1 65	5 00	15 00	
Thyme, Broad-Leaf.....	Not available					
KALE. Blue Curled Dwarf Scotch.....	10	15	35	1 00	3 00	28 50
Eastern Special Dwarf Green Curled.....	Not available					
Green Curled Dwarf Scotch.....	Crop failed					
Siberian.....	10		20	65	2 00	18 50
Tall Green Curled.....	Crop failed					
KOHLRABI						
Purple Vienna.....	Not available					
White Vienna.....	10	20	55	1 70	5 00	49 00
LEEK. American Flag.....	10	25	75	2 20	6 50	58 00
Giant Italian or Musselburgh.....	10	25	75	2 20	6 50	58 00

LETTUCE, HEAD. All, pkt. 10c.	¼oz.	Oz.	¼lb.	Lb.	5 lbs.	10 lbs.
Great Lakes.....	\$0 25	\$0 75	\$1 90	\$6 00	\$30 00	\$60 00
Imperial No. 44.....	15	35	1 10	3 25	15 75	30 00
Imperial No. 456.....	Sold out					
Imperial No. 847.....	15	35	1 10	3 25	15 75	30 00
New York No. 12.....	15	35	1 10	3 25	15 75	30 00
New York No. 55.....	15	35	1 10	3 25	15 75	30 00
White Boston New Jersey Special.....		30	85	2 50	12 00	22 50
LOOSE-LEAF Grand Rapids.....		20	65	2 00	9 50	17 50
Grand Rapids Greenhouse Strain.....	15	30	90	2 75	13 25	25 00
Simpson, Black-Seeded.....		20	65	2 00	9 50	17 50
ROMAINE. Trianon Cos.....		20	65	2 00	9 50	17 50
Dark Green Cos.....		20	65	2 00	9 50	17 50

## Muskmelon

One ounce will plant 50 hills; 2 to 3 pounds an acre

**Schoon's Hard Shell.** An improved early Bender's Surprise with large, slightly oblong, coarsely netted, distinctly ribbed melons weighing from 5 to 8 pounds. The flesh is bright salmon and of very fine flavor. The rind is tough and hard making it an excellent shipper.

**Hearts of Gold XXX.** This *de luxe* strain is the result of a special selection for earliness, larger size, and better shipping qualities. Melon growers quickly recognized the worth of our Hearts of Gold XXX. The heavily netted oval melons,  $5\frac{3}{4}$  inches across, have a tough rind as thin as an orange peel. The very thick golden yellow flesh leaves a seed-cavity of only  $1\frac{3}{4}$  inch diameter, and the delicious flavor is hard to beat. Resists drought and ships exceptionally well.



Honey Rock Muskmelon

**Honey Rock (Sugar Rock).** The deep orange flesh is the most luscious and sweetest of its type. Melons are oval-round, without ribs, about 5 by 6 inches, covered with heavy, coarse netting. They are light gray-green, turning to light golden when ripe. The hard shell stands distant shipping very well. The melons ripen early and the vines are extremely productive.

**Jersey Gold.** Remarkable late variety—the kind the buyers literally come hunting for. The very sweet, clear salmon flesh is unusually deep and can be eaten right down to the  $\frac{1}{8}$ -inch rind. Moderately netted, heavily corded, pale green, oval Melons, 7 by 6 inches, that weigh 4 to  $5\frac{1}{2}$  pounds. Best flavor of any.

**Bender's Surprise.** Large, oval-round melons, from 9 to 12 pounds, with greenish yellow skin coarse netting and distinct ribs. The thick orange flesh is sweet and of fine flavor.

**Hale's Best No. 45, Mildew-resistant.** One of the very best all-round early melons and unsurpassed for shipping. Resists powdery mildew. Oval melons are 6 by 5 inches, with heavy net; the salmon flesh is very thick, with small seed-cavity.

**Pride of Wisconsin.** Oval-round, 7 x  $6\frac{1}{2}$  inch, heavily netted yellow gray melons with only faint ribbing. The deep orange flesh is sweet and very thick.

## Mangel

One ounce sows 50 feet; 7 pounds an acre

**Mammoth Long Red.** The light red root, 18 inches long, 6 inches across, with a heavy shoulder, grows half above ground, pulls easily. The flesh is white, tinged rose.

## Mustard

One oz., 100 ft.; drilled acre, 1 lb., broadcast, 2

**Fordhook Fancy, Long-Standing.** Long, dark green, curled, deeply cut, flavored leaves which curve outward. Strong grower. Stands longer without bolting than any other.

MANGEL Pkt. 10c.	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.
Mammoth Long Red.....	\$0 20	\$0 65	\$2 00	\$9 75	\$19 00	\$46 25
<b>MUSKMELONS All, pkt. 10c, <math>\frac{1}{4}</math> oz. 15c.</b>						
Bender's Surprise.....	30	85	2 50	11 75	21 00	48 75
Hale's Best No. 45, Mildew-Resistant.	25	75	2 25	10 50	18 50	42 50
Hearts of Gold XXX Strain.....	25	75	2 25	10 50	18 50	42 50
Honey Rock or Sugar Rock.....	25	75	2 25	10 50	18 50	42 50
Jersey Gold.....	30	90	2 75	13 00	23 50	55 00
Pride of Wisconsin or Market King...	30	90	2 75	13 00	23 50	55 00
Schoon's Hard Shell.....	30	90	2 75	13 00	23 50	55 00

MUSTARD All, pkt. 10c.	15	40	1 25	6 15	12 00	29 00
Fordhook Fancy, Long-Standing.....	15	35	1 10	5 40	10 50	25 00
Southern Giant Curled, Long-Standing.						

Write for special prices on large quantities

## Onion

One ounce will sow 100 feet of row; 5 pounds will sow an acre

### Sweet Spanish Strains

**Yellow.** Fine, very large, bright golden yellow, globe-shaped Onions, extremely uniform, medium-topped, very mild. Early spring-sown seed outdoors will produce bulbs weighing over a pound each. They ship very well.

**White.** Like yellow Riverside Sweet Spanish except it is pure white. Often bunched for "boilers."



### White Varieties

**Prosperity.** This green bunch Onion forms no bulbs; the lower 5 inches,  $\frac{1}{2}$  to  $\frac{3}{4}$  inch through, is white and mild. Sow August 1 to 15 for wintering over. Very hardy and keeps nicely. Sow in early spring, or in late May or early June for late summer market when bunch Onions are scarce. If irrigated will keep green all summer.

**Southport White Globe.** Use young plants for bunching. If left will form the finest white, dry Onions. A good shipper and keeper. True globe shape, full at base and shoulder.

**White Bunch.** The earliest for bunching only as it forms late, flat, pearl-white bulbs which do not keep well.

**White Portugal or Silverskin.** For pickling, for white sets, or for bunching when young. Mature bulbs are of medium size flattened globe with silver-white skin. This is excellent for summer and early fall use.

**White Queen.** Very early, clean-skinned white bulbs, fine for pickling.

Yellow  
Sweet  
Spanish Onion

### Yellow Varieties

**Brigham Yellow Globe.** Solid globes with tight thick golden skins; perfect for storage. Big yields on muck and very popular for upland soils.

**Ebenezer.** Large, somewhat flattened bulbs with yellow skin and white flesh. Ripens early for so large a variety and bulbs keep well. Used for growing Japanese sets.

**Michigan Yellow Globe.** Nice big globe-shaped, with flattened base, small neck and ripens evenly. A main-crop, muck-soil variety fine for shipping and keeps well.

**Southport Yellow Globe.** Fine large, full-shouldered globe. Ripens down evenly. Good keeper and shipper. Very hardy.

**Yellow Globe Danvers, Selected.** Medium-large, uniform, copper-yellow solid globes with small necks. Ripen evenly.

ONIONS, RED All Onions, pkt. 10c. $\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs.	10 lbs.	25 lbs. @
Southport Red Globe .....	\$0 20	\$0 55	\$1 70	\$5 00		
<b>WHITE.</b> Japanese Bunching..	25	70	2 00	6 00	\$29 50	\$58 00 \$5 70
Prosperity .....	25	70	2 00	6 00	29 50	58 00 5 70
Southport White Globe.....	30	80	2 35	7 00	34 50	68 00 6 70
White Bunch.....			Not Available			
White Portugal.....	25	75	2 25	6 75	33 25	65 50 6 45
White Queen.....			Not Available			
White Sweet Spanish.....	30	80	2 35	7 00	34 50	68 00 6 70
<b>YELLOW.</b> Brigham Yel. Globe	30	80	2 35	7 00	34 50	68 00 6 70
Ebenezer .....	25	70	2 00	6 00	29 50	58 00 5 70
Michigan Yellow Globe.....	20	55	1 70	5 00	24 50	48 00 4 70
Southport Yellow Globe....	30	80	2 35	7 00	34 50	68 00 6 70
Yellow Sweet Spanish.....	30	80	2 35	7 00	34 50	68 00 6 70
Yellow Globe Danvers, Sel. .	25	75	2 20	6 50	32 00	63 00 6 20

Write for special prices on large quantities

## Okra

One ounce will sow 100 feet of row; 8 pounds will sow an acre

**Dwarf Prolific.** Of dwarf, stocky growth, very early and prolific. Excellent for general crop.  
**Perkins' Mammoth.** This variety is about 3 feet high, very early and productive. Pods are deep green, very long, slender, slightly corrugated, and very tender.

## Peas

One to 2 pounds will plant 100 feet of row; 120 pounds will plant an acre

**Giant-Pod Hamper.** A new early variety which we believe is destined to become very popular. In season it comes a day later than Laxton's Progress but has a larger pod and more vine. The dark green, pointed,  $4\frac{1}{2}$  to 5-inch pods mature in 65 days and come in large numbers on 22-inch vines with dark green, heavy foliage. The flavor and eating qualities are fine.

**Giant Stride.** Also called Asgrow 40, Midseason Giant, and Wyoming Wonder. The  $4\frac{1}{2}$  to 5-inch, dark green, pointed pods of this new variety are borne in large numbers on strong, vigorous, 24-inch vines. It matures in 74 days, with the main-crop varieties, and withstands both wilt and hot, dry weather.

**Gilbo.** A fine new variety with dark green, heavy, 24 to 28-inch vines with a heavy yield of  $4\frac{1}{2}$  to 5-inch, dark green, pointed, well-filled pods maturing in 69 days or about 5 days after Laxton's Progress. The quality is very fine. Gilbo resists wilt.

**Hundredfold.** Ready in 65 days, about 4 days after Laxton's Progress, and bears dark green, fairly broad and pointed pods, 4 inches long, containing about 8 large, dark green Peas. The vines are 18 inches high, sturdy, and resist heat well.

**Laxton's Progress.** The  $4\frac{1}{2}$ -inch deep green pointed pods hold 8 or 9 large dark green Peas of very high quality. The 15-inch vines are productive and mature Peas in 64 days, 1 day before Hundredfold and 5 days after World's Record.

**Little Marvel.** A dwarf, early, very prolific variety maturing the pods in 63 days. Vines 18 inches tall, bear a remarkably large crop of  $3\frac{1}{2}$ -inch pods filled with sweet, dark green large Peas. The pods, often in pairs, are straight, deep green, and square ended, and always well-filled regardless of weather.

**Telephone, Dark-Pod or Alderman.** The vines are vigorous,  $3\frac{1}{2}$  feet high, with large, coarse, dark green leaves and produce an abundance of attractive dark green pods  $4\frac{1}{2}$  inches long, straight, broad and pointed, filled with 8 large light green Peas which are very tender and of fine sweet flavor. The pods are ready to pick in 72 days. This variety is wilt-resistant.

**Thomas Laxton.** The dark green vine grows  $2\frac{1}{2}$  feet high. In 62 days it yields a heavy crop of straight, round, square-ended, dark green  $3\frac{1}{4}$ -inch pods packed with 7 or 8 medium green Peas.

**World's Record or Improved Gradus.** Earliest of all large-podded Peas, maturing its pods in 59 days, often before the aphid lice appear. The medium-green, 2-foot vines bear dark green pods, 4 inches long, fairly broad, and pointed, with 7 to 9 large, dark green Peas. World's Record is wilt-resistant.

See prices on opposite



Laxton's Progress Peas



Forbes Hollow-Crown XXX Parsnips

## Parsnip

One ounce will sow 150 feet of row; 4 pounds will sow an acre

**All American.** Clear white, clean, well-filled roots with small core, of fine texture. Shape is intermediate with wide shoulders and deep crown.

**Hollow-Crown XXX.** This new strain is a special selection and is outstanding. The roots are uniform, heavy at the shoulder, nicely tapered, about 9 inches long, with practically no side roots or prongs, and of a creamy white color. They have deep-set, clean hollow crowns and make up attractive baskets for market.

## Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre

**Hamburg, Short.** These roots, which mature early, are short, thick and in appearance and flavor like a small sized parsnip.

**Hamburg, Long.** Fine strain with parsnip-shaped, smooth white roots, 8 inches long.

**Paramount.** An improved triple-curved variety with exceptionally uniform plants and curl. The dark green foliage is very tightly curled and free from plain leaves. Plants are uniformly about 1 foot high.

**Italian or Plain.** Flat, deeply cut but not curled, dark green leaves of high flavor.

**Selected Extra-Double Curled.** This excellent strain is very vigorous, growing short, stiff stems, with compact, finely cut, very densely curled leaves which retain the extremely dark green color for a long time. Try this *de luxe* strain.

OKRA	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.	10 lbs.	25 lbs.
Dwarf Prolific.....	\$0 10	\$0 15	\$0 35	\$0 90	\$8 50	
Perkins' Mammoth.....	10	15	35	90	8 50	
PARSLEY. Hamburg, Short.....	10	20	50	1 50	14 00	\$32 50
Hamburg, Long.....	10	25	55	1 75	16 50	38 75
Italian or Plain.....	10	20	50	1 50	14 00	32 50
Paramount.....	10	20	50	1 50	14 00	32 50
Selected Extra-Double Curled.....	10	20	50	1 50	14 00	32 50
PARSNIP. All American.....	10	20	60	1 75	15 00	33 75
Hollow-Crown XXX.....						Sold out

PEAS	Pkt. 10 cts.; $\frac{1}{2}$ lb. 25 cts.; lb. 40 cts.	5 lbs.	10 lbs.	15 lbs.	25 lbs.	60 lbs.	100 lbs.
Alaska.....	\$1 20	\$2 10	\$2 70	\$4 00	\$9 60	\$16 00	
Blue Bantam.....	1 35	2 40	3 15	4 75	11 40	19 00	
Early Bird.....	1 40	2 50	3 30	5 00	12 00	20 00	
Giant-Pod Hamper.....	1 40	2 50	3 30	5 00	12 00	20 00	
Giant Stride.....	1 40	2 50	3 30	5 00	12 00	20 00	
Gilbo.....	1 40	2 50	3 30	5 00	12 00	20 00	
Hundredfold.....	1 35	2 40	3 15	4 75	11 40	19 00	
Laxton's Progress.....	1 35	2 40	3 15	4 75	11 40	19 00	
Little Marvel.....	1 35	2 40	3 15	4 75	11 40	19 00	
Telephone, Dark-Pod or Alderman.....	1 45	2 60	3 45	5 25	12 60	21 00	
Thomas Laxton.....	1 40	2 50	3 30	5 00	12 00	20 00	
World's Record or Improved Gradus....	1 40	2 50	3 30	5 00	12 00	20 00	

Write for special prices on large quantities.

## Peppers

One ounce will produce 1000 to 1200 plants

**California Wonder XXX Strain.** This is a remarkable *de luxe* strain. The large, very solid, exceptionally thick-walled, bright green Peppers are blocky in form, square-ended, 4-nosed and often grow as much as 5 inches long by 4 inches across. These are the heaviest we have ever seen, with walls over  $\frac{3}{8}$  inch thick. The flesh is crisp, juicy and very mild. The vigorous plants bear a very heavy yield when grown on well-drained lean soils. Avoid using a commercial fertilizer high in nitrates as it tends to make this later and go to foliage rather than fruit.

**Jersey Wonder.** An outstanding new strain, of the California Wonder type, but maturing a greater yield of Peppers 6 days earlier than that variety. The plants are not as large or strong and the Peppers themselves are a little smaller but the earliness and greater yield more than offset this. Of characteristic California Wonder shape, the deep green fruits turning bright crimson, are blocky and smooth and have just as heavy, thick firm flesh of mild sweet flavor.

**King of the North.** The medium-sized and branching plants are covered from top to bottom with very early, smooth, shiny, Ruby King type Peppers, 6 to 7 inches long, with thick flesh and mild, sweet flavor. Beginning dark green, they ripen to a deep red. For a short-season Pepper, the fruits are very large, the yield is tremendous.

**Calwonder.** A uniform strain of California Wonder specially fine in shorter season localities as it matures about a week earlier. The sturdy plants heavily yield 3 to 4-lobed, upright smooth fruits, deep green, ripening bright crimson. The flesh is thick and solid and of mild flavor. Calwonder packs well because the fruits are so uniform in size and shape.

**Talianelle.** An upright-growing, thin-skinned, smooth, shiny yellow-green Pepper about 5 inches long and 2 inches across at the stem end, tapering to a point. The very prolific dwarf bushes, despite sparse foliage are literally covered with sweet Peppers turning red at maturity. Called the Italian frying Pepper. Withstands both drought and light frosts.

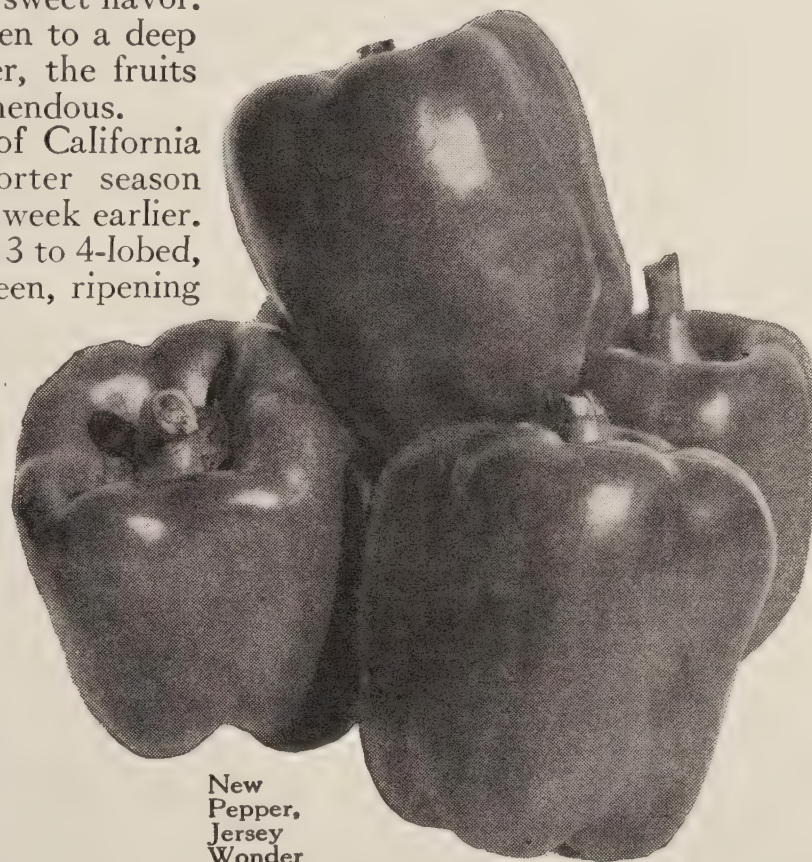
**Worldbeater.** A very large Pepper, 5 inches long by  $3\frac{1}{2}$  inches across, and maturing medium-early. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet; flesh exceedingly mild, very thick and very firm, making this variety a real excellent shipper. Worldbeater produces a very large crop.

**Chinese Giant.** The 2-foot, stocky, branching plants are thickly set with huge, blocky, 4-ridged Peppers, 4 to 5 inches broad at the top and of equal length, glossy scarlet, and mild.

**Early Giant.** This is valuable for market. It is 5 inches high and  $3\frac{1}{2}$  inches through, dark green turning bright red. The flesh is thick and has a mild, pleasant flavor. Early Giant is the earliest large-fruited variety and requires a short season.

**Harris' Earliest.** The sturdy plant, growing only 10 to 14 inches high, permits close planting in rows  $1\frac{1}{2}$  feet apart, and produces the earliest red Peppers. Mild fruits are 3 inches long and 2 inches across.

**Hungarian.** Earliest and hottest of this type. The waxy bright yellow, tapering, slightly twisted, 6 to 7-inch Peppers are produced, part pendent and part upright, in great numbers on branching plants. The color turns to orange and then to bright red.



New  
Pepper,  
Jersey  
Wonder

## Peppers, continued

**Half-Long Hot.** Very early and prolific pods,  $4\frac{1}{2}$  inches long,  $1\frac{1}{4}$  inches across at top, are thick-fleshed, red, and very hot.

**Large Hot Red Cherry.** A select strain with vigorous, prolific upright plants. The fruits are round, smooth, solid and very hot and pungent. They change in color from deep green to deep scarlet and are popular for use in pickles.

**Oshkosh.** While the fruit is bright canary-yellow at maturity, during growth it is a deep glossy green, smooth, without lobes,  $4\frac{1}{2}$  inches long by  $3\frac{1}{2}$  inches across, broad at the base tapering to an abrupt, blunt point; mild and sweet. Very productive. Excellent thick fleshed, heavy green Pepper if marketed well before maturity.

**Roumanian.** An oblong, waxy lemon-yellow Pepper about 3 inches across and 5 inches long, of rather mild flavor. They come very early and are produced mostly upright on strong plants. Quite prolific.

**Ruby Giant.** Medium early, deep green when young; brilliant ruby-scarlet when ripe;  $4\frac{1}{2}$  inches long and  $3\frac{1}{2}$  to 4 inches wide at the thick end. Flesh is thick and mild.

**Sunnybrook.** The deep scarlet Peppers are somewhat like a flattened tomato, 3 inches across and 2 inches deep, and come in clusters of 4 or 5 on sturdy, compact, 18-inch, heavily laden plants. The thick flesh is mild, and sweet.



The new very early King of the North Pepper

**Small Sugar.** The best for pies. Small, orange Pumpkins, ribbed, flattened-round, 10-inch diameter, with good, thick, sweet, deep yellow, fine-grained flesh. They ripen early and the vines are very prolific.

## Pumpkins

One ounce will plant 25 hills;  
4 pounds plants an acre

**Connecticut Field.** Large, orange, deeper than round and slightly flattened. Flesh is rich deep yellow, and fine-grained.

**Large Cheese.** Large, flattened-round, with skin mottled with light green and yellow, changing to creamy yellow. The fine-grained flesh is deep yellow.

PEPPERS	Pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs.
California Wonder	Sold out					
California Wonder XXX Strain	\$0 10	\$0 30	\$0 90	\$2 65	\$8 00	\$38 75
Calwonder	Sold out					
Chinese Giant	10	30	85	2 35	7 00	33 75
Early Giant	10	25	70	2 00	6 00	28 75
Half-Long Hot	10	30	90	2 65	8 00	38 75
Harris' Earliest	Not available					
Hungarian	10	40	1 15	3 35	10 00	47 50
Jersey Wonder	10	Sold out				
King of the North	10	30	90	2 65	8 00	38 75
Large Hot Red Cherry	10	35	1 00	3 00	9 00	42 50
Long Red Cayenne	10	30	85	2 35	7 00	33 75
Oakview Wonder	Sold out					
Oshkosh	10	35	1 00	3 00	9 00	42 50
Roumanian	10	40	1 15	3 35	10 00	47 50
Ruby Giant	10	25	70	2 00	6 00	28 75
Sunnybrook	10	30	85	2 35	7 00	33 75
Talianelle	10	40	1 15			
Worldbeater	10	25	70	2 00	6 00	28 75
PUMPKIN. Connecticut Field	10		20	50	1 50	7 00
Large Cheese	10		20	50	1 50	7 00
Small Sugar	10		20	50	1 50	7 00

We offer three distinct strains of Scarlet Globe Radish. Please specify which strain you want when ordering



One ounce will sow 100 feet of row; 10 pounds will sow an acre in drills, 12 pounds if broadcast

Forbes Strain  
Scarlet Globe  
Radishes

## Radishes

**Scarlet Globe.** This really fine outdoor strain excels others because it is produced from transplanted roots selected for uniformity. The brilliant scarlet, smooth roots have tops just right for bunching. In about 3 weeks you'll have attractive, solid, crisp, uniform roots that will catch any buyer's eye.

**Scarlet Globe, Short-Top.** This is a specially selected strain for greenhouse forcing, muck-soil growing and for midseason crop outdoors. It has uniform clean bright scarlet globe-shaped Radishes with small tap-roots. The fine, uniform, small tops of this strain, produced from specially selected transplanted roots, make it unbeatable for greenhouse and do not become too large when grown on muck soil.

**Scarlet Globe, Short-Top XXX Strain.** This very excellent strain meets the particular requirements of the most critical greenhouse and muck-soil growers. It is produced from carefully selected, transplanted roots and, in the opinion of the most experienced large growers, is close to perfection. The brilliant scarlet, clean Radishes are very crisp and solid, and extremely uniform in size and shape. Tops are ideal. Matures 4 days before other strains, even outdoors.

**Icicle.** A beautiful waxy white, long roots, gradually tapering down from the shoulder which is  $\frac{5}{8}$  inch in diameter. The roots are usually 5 to 6 inches long and have nice bunching tops. This is the earliest of the long-rooted early summer white sorts. Our strain excels all others we have observed. The crisp-as-ice roots are remarkably uniform and perfectly shaped.

**White Strasburg.** The roots are of elongated turnip shape, 4 to 6 inches long and 2 inches diameter when mature, thick at the shoulder and roundly tapering. Flesh crisp, solid and fine. This is one of the best.

## Radishes, continued

**Cavalier.** A nice, uniform, short-topped, globe-shaped, brilliant scarlet Radish with fine taproots. Fine for forcing.

**Crimson Giant.** Large, crimson, globe. If pulled when  $1\frac{1}{2}$  inches across, keeps mild and crisp for several days.

## Winter Varieties

**Celestial.** Very large, white, cylindrical, smooth roots, 6 to 9 inches long and  $2\frac{1}{2}$  to 3 inches across, with white, crisp flesh.

**Rose China Winter.** Rose, 5-inch roots, 2 inches across, cylindrical, blunt-ended, heavier at lower end. Flesh is pungent.

**Round Black Spanish.** Grey-black, round, slightly top-shaped roots, 4 inches across and 3 deep. White, pungent flesh.

## Salsify

One ounce will sow 50 feet of row; 8 pounds will sow an acre

**Mammoth Sandwich Island.** Large and strong-growing, with long, white, tapering roots. Has less tendency to branch.

## Sorrel

One ounce will sow 100 feet of row; 5 pounds will sow an acre

**Narrow-Leaf.** Like the Large French Broad-Leaf, except leaves are quite narrow, somewhat thicker, and can stand more cutting without bolting to seed. Very fine.

## Swiss Chard

One ounce will sow 50 feet of row; 7 pounds will plant an acre

**Dark Green, White Rib.** Leaves are slightly crumpled and dark glossy green. White, broad, thick stems and midribs.

**Fordhook Giant.** The very dark green, glossy, heavily crumpled leaves are erect on 3-inch, broad, overlapping, greenish white leaf-stems. The full-grown leaves reach a size of  $2\frac{1}{2}$  feet long and 10 inches wide.

**Lucullus.** Pale green leaves crimped and curled. The chards are white and broad.

**Rhubarb.** Resembles Rhubarb, as it has translucent bright crimson leaf-stalks and the dark green, heavily crumpled leaves are veined in crimson. Matures in 60 days.



Salsify, Mammoth  
Sandwich Island

All Radishes, pkt. 10c., oz. 15c.

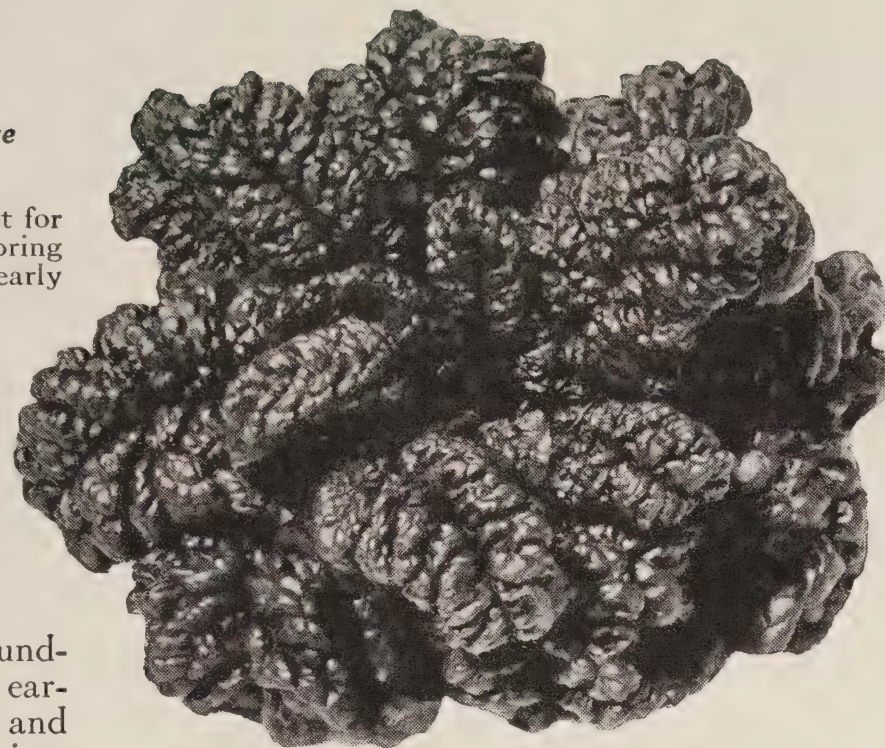
RADISH, EARLY ROUND		$\frac{1}{4}$ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Cavalier.....	\$0	35	\$1 10	\$5 25	\$10 00	\$22 50	\$85 00
Crimson Giant.....		35	1 10	5 25	10 00	23 75	90 00
Scarlet Globe.....		35	1 10	5 00	9 00	20 00	75 00
Scarlet Globe, Short-Top.....		35	1 10	5 25	10 00	22 50	85 00
Scarlet Globe, Short-Top XXX.....		35	1 10	5 25	10 00	22 50	85 00
Scarlet Turnip White-Tip.....		35	1 10	5 25	10 00	23 75	
RADISH, LONG. Icicle.....		35	1 10	5 25	10 00	22 50	85 00
Icicle Short-Top Muck Strain.....		35	1 10	5 25	10 00	22 50	85 00
White Vienna.....		35	1 10	5 25	10 00	22 50	85 00
RADISH, SUMMER. White Strasburg.....		35	1 10	5 25	10 00	23 75	
RADISH, WINTER. Celestial.....		35	1 10	5 25	10 00		
Rose China Winter.....		35	1 10	5 25	10 00		
Round Black Spanish.....		35	1 10	5 25	10 00		
SALSIFY. Mammoth Sandwich Island		$\frac{1}{4}$ oz. 15c.	\$0 10	\$0 40	\$1 20	\$3 50	\$34 00
SORREL. Narrow-Leaf.....		$\frac{1}{4}$ oz. 20c.	10	55	1 70	5 00	47 50
SWISS CHARD. Dark Green.....		5 lbs. \$8.25	10	20	60	1 75	15 50
Fordhook Giant.....		5 lbs. \$9.75	10	20	65	2 00	18 50
Lucullus.....		5 lbs. \$11.00	10	20	75	2 25	21 00
Rhubarb.....			15	50	1 50		

## Spinach

One ounce for 100 feet; 15 lbs. per acre  
in rows, 25 lbs. if broadcast

**Dark Green Bloomsdale Savoy.** Best for fall, but if sown very early in the spring will produce a good crop. This early variety produces large, glossy, dark green leaves, crumpled, thick and of great substance.

**Haarlem Market.** A fine new, prickly-seeded Savoy with dark green, heavily savoyed leaves like Long-Standing Savoy but hugging the ground closer. Being very hardy, it winters over better than round-seeded Savoy. Can be sown earlier, as the seed withstands rot and wilt from cold, unfavorable spring. It grows rapidly, matures early, and is partly resistant to blight. Try it for both early and late plantings. Regulate your seeder carefully to allow for the prickly seed. Be sure to try this.



Haarlem Market Spinach

**Long-Standing Savoy.** A very fine strain. It will stand in marketable condition 10 to 14 days longer before bolting than regular Savoy and is darker green. The inferior early shooting male plants are entirely lacking. It is intensely crumpled and blistered and very uniform. Our strain is specially selected; you'll like it.

**Old Dominion.** A long-standing strain of Virginia Blight-resistant Savoy best adapted for late fall or wintered-over crops, and will withstand "yellows." The leaves are well crumpled and of a dark blue-green color.

**Special Summer Savoy.** Excellent, uniform strain, out of Long-standing Savoy, with darker green, heavily crumpled, savoyed plants which stand 3 to 4 days longer without bolting. Leaves hold crumple in hot weather better than others.

**Virginia Blight-Resistant Savoy.** A distinct strain selected and propagated from plants that show a blight-resisting vigor under actual blight conditions where ordinary strains of seed could not be successfully grown. Virginia Blight-Resistant Savoy is best suited for fall crop, as it bolts to seed quickly in warm weather.

**Giant-Leaf Summer.** Immense, broad, medium green, thick, smooth leaves; a quick grower and stands quite well.

**New Zealand.** Large, spreading plants with small, pointed leaves. Thrives in hot weather. Not a true spinach.

**Nobel Gaudry, Dark Green.** Huge, rounded, rather smooth, dark green, exceptionally thick leaves which form very rapidly. They mature early and stand well without bolting to seed. This is a very profitable variety for spring crop.

SPINACH. All, oz. 10c.; 1/4 lb. 20c.	Lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Dark Green Bloomsdale Savoy.....	\$0 65	\$3 00	\$5 70	\$13 50	\$26 00	\$50 00
Giant-Leaf Summer.....	65	3 20	6 20	14 75	28 50	55 00
Haarlem Market.....	65	3 00	5 70	13 50	26 00	50 00
Long-Standing Savoy.....	65	3 00	5 70	13 50	26 00	50 00
Nobel Gaudry, Dark Green.....	65	3 20	6 20	14 75	28 50	55 00
Old Dominion.....	65	3 20	6 20	14 75	28 50	55 00
Special Summer Savoy.....	65	3 00	5 70	13 50	26 00	50 00
Virginia Blight-Resistant Savoy.....	65	3 00	5 70	13 50	26 00	50 00
New Zealand. Pkt. 10c., oz. 30c., 1/4 lb. 85c.	2 50	11 25	21 50	50 00		

Write for special prices on larger quantities

## Winter Squash

One ounce for 15 hills;  
4 pounds per acre

**Blue Hubbard, Colby Strain.** An improved strain with more vigorous disease-resisting vines and much heavier, gray-blue fruits. They have rounded, large, elongated ends, much thicker flesh, give more tonnage per acre and store better.

**Blue Hubbard.** Gray-blue, long-keeping, with extremely hard shells. Fine, large, typical Hubbard-shape fruits amply blistered and warted.

**Buttercup.** Gray striped and spotted dark green flattened fruits, turbaned at blossom end, 4 1/2 by 6 1/2 inches, each weighing 3 1/2 pounds.

**Butternut.** Tan-colored, smooth, straight fruits, 10 inches long, with enlarged bulbous end. From early August to frost. Fine winter keeper.

**Des Moines.** Vigorous, running vines, heavily laden with black-green, acorn fruits, 5 by 4 inches. Popular for fall; also for winter storing, as it has a hard shell. Quality excellent.

**Mammoth Des Moines.** Also called Royal Acorn. A larger fruiting type of Des Moines with productive vines. Black-green Squashes, 6 to 7 inches long by 5 inches wide.

**Turban or Warren.** Productive, very hard-shelled, heavily warted, turban, 11 inches across and 5 inches deep, with thick, deep orange flesh.

**Warted Hubbard XXX.** A select strain with large, extra heavily warted, hard, dark green round fruits with elongated ends. Dry orange-yellow flesh. Gives a huge yield and keeps well.

### Summer Varieties

One ounce for 25 hills;  
3 pounds per acre

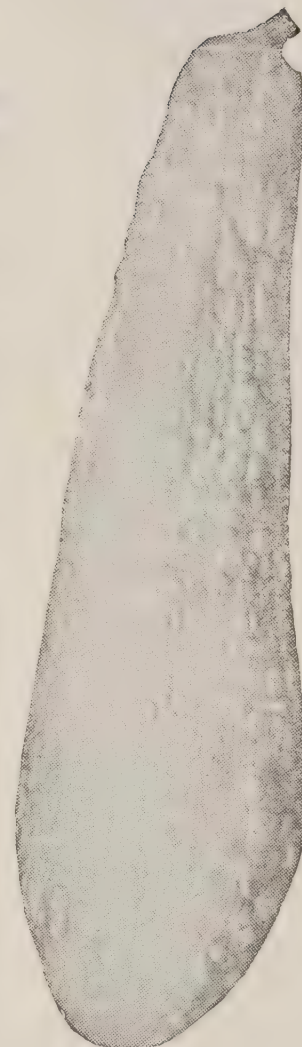
**Cocozelle.** Long, tapering cylindrical, smooth, dark green Squashes later marbled with light green and yellow. Best when 6 to 8 inches long.

**Early Prolific Straightneck.** This compact-bush strain if 2 feet apart in rows 4 feet apart provides a heavy, early yield to precede our Light Yellow Straightneck. The smooth, straight, creamy fruits are usable when from 5 to 10 inches long.

**Straightneck, Light Yellow.** Of shiny cream-yellow appearance. Its almost 100 per cent straight necks allow uniform packing.

**Zucchini, Dark Green.** Smooth, long slender, very slightly fluted, black-green Squashes. Best when 5 to 6 inches long; then they are unusually tender. The flesh is greenish white and of excellent flavor.

**Zucchini, Gray.** These are straight, very nearly cylindrical and the smooth surface is mottled with light and dark green, giving a gray appearance. The flesh is very firm and of delicate flavor.



Light Yellow  
Straightneck  
Squash

SQUASH, SUMMER	All, pkt. 10c.	Oz.	1/4 lb.	Lb.	5 lbs.	10 lbs.
Cocozelle.....		\$0 20	\$0 60	\$1 75	\$8 25	\$15 50
Early Prolific Straightneck.....		30	85	2 50	12 00	23 00
Long Italian Cocozelle.....		30	85	2 50	12 00	23 00
Straightneck, Light Yellow.....		20	75	2 25	10 75	20 50
Vegetable Marrow, Bush.....		20	75	2 25	10 75	20 50
White Bush Scalloped.....		20	65	2 00	9 50	18 00
Yellow Bush Scalloped.....		20	60	1 75	8 25	15 50
Zucchini Dark Green.....		20	75	2 25	10 75	20 50
Zucchini, Gray.....		20	75	2 25	10 75	20 50
SQUASH, WINTER. Blue Hubbard.....		30	85	2 50	12 00	23 00
Blue Hubbard, Colby Strain..... 1/4 oz. 20c...		60	1 55	5 00	24 25	47 50
Boston Marrow.....		20	60	1 75	8 25	15 50
Buttercup.....		30	90	2 75	13 00	24 50
Butternut..... 1/4 oz. 20c...		50	1 50	4 50	21 75	42 00
Delicata or Sweet Potato.....		20	65	2 00	9 50	18 00
Des Moines or Acorn or Table Queen.....		20	60	1 75	8 25	15 50
Des Moines, Mammoth.....		20	65	2 00	9 50	18 00
Green Delicious.....		30	85	2 50	12 00	23 00
Golden Hubbard.....		20	75	2 25	10 75	20 50
Turban or Warren.....		30	85	2 50	12 00	23 00
Warted Hubbard XXX.....		30	85	2 50	12 00	23 00

# Tomatoes

One ounce produces  
1000 to 2000 plants

## Rutgers. (Certified Seed.)

Plant this only on a light or sandy soil, when the heavy-yielding, very wilt-resistant vines are loaded with scarlet, deep Marglobe fruits, solid, heavy, excellent for shipping. They all ripen from the inside out instead of outside in. It excels all for the flavor of its juice. Fruit holds its fine, large size throughout all the season. Very fine for main crop.

**Rutgers Mother.** Seed saved from selected mother plants.

**Bonny Best.** (Certified.) An excellent

extra-early. Fruits are medium-sized, bright scarlet, smooth, flattened-round.

**Italian Red Plum.** Extra-select strain. Clusters of solid, bright red, oval fruits, 2½ inches long in great abundance. The flavor is excellent.

**Marglobe.** (Certified.) Midseason hybrid entirely immune from rust and wilt. Big, smooth, uniform scarlet globe, and a good cropper. Very valuable for canning and marketing due to its remarkable solidity. Best on rich medium soil.

**Master Marglobe.** An extra-fine special strain for those who want the very best. Has heavier vines, is more productive, with very solid larger fruit.

**Pritchard.** (Certified.) This fine main-crop variety is a medium large, very red, smooth, meaty globe with erect, medium dense short vines. Very heavy cropper, if planted on a heavy clay loam or the best corn-land available. Ripens just after Earliana and before Marglobe. The flesh is red, very firm, with thick inner walls.

**Stokesdale.** Of Marglobe shape and color, but 1 to 2 ounces heavier, and maturing 7 to 10 days earlier, at same time as Bonny Best. Quite free from stem-end crack. Ripens from the inside out, like Rutgers. The yield is remarkably heavy.

**Stokesdale Mother.** Seed saved from selected mother plants. Very fine.

**Valiant.** Very early, extra large, solid, round brilliant red fruits, three days after Earliana. Best on heavy soils. Excellent for outdoor trellises or stakes.

**Valiant Mother.** Seed specially saved from selected mother plants. Excellent.

**Beauty.** Large, purplish pink, very smooth, round, uniform, and very solid.

**Bonny Best, Late.** Scarlet, very solid, extremely large, round, flattened shipper.

**Break O'Day.** Has the solidity, size, and nearly the fruit-depth of Marglobe. Earliest and most prolific wilt-resistant scarlet.

**Comet.** Fine greenhouse strain, also successfully trellised outdoors. Fruits, in large clusters, are scarlet, solid, smooth, medium.

**Dwarf Champion.** Purplish pink, medium-sized, smooth, round, slightly flattened.

**Dwarf Stone.** Dwarf, close-jointed, vigorous, productive. Late, large, smooth, red, solid.

**Earliana, Selected.** Deep scarlet, smooth, flattened round. Matures very early.

**Early Detroit.** Fine mid-early purplish pink.

**Early Prolific.** Very early, rich red, medium, round, smooth fruits. Immense yield.

**Glovel.** A pink Marglobe but is slightly larger, a little earlier, yields heavier, and is more disease-resistant.

**Grothen's Red Globe.** A super Break O'Day with larger foliage, giving better protection.

**John Baer.** An extra-early round bright red. Productive. Fine shipping variety.

**Oxheart.** Thick-fleshed, firm, pink, heart-shaped, for roadstand sale.

**Ponderosa or Beefsteak.** Very large, purplish pink, midseason, free from acid.

**Stone, Selected.** A very productive late red. Fruits large, solid, flattened-round, smooth. Grow on a medium or heavy rich soil.

**Victor.** Very early. Red. Very scant vine.

New  
Rutgers  
Tomato

# Turnips and Rutabagas

One ounce sows 200 feet; one pound per acre in drills, 2 if broadcast

**Cow Horn.** White 14-inch roots, 2½ inches through, often twisted.

**Golden Ball.** Medium-sized, round, smooth, deep yellow roots.

**Purple-Top Milan.** The earliest. Medium-sized, flattened, round, smooth, white roots with purple-red top and few short leaves.

**Purple-Top White Globe.** This extra-select strain gives uniform, smooth, large, globe roots, white below ground, purple above.

**White Milan.** Earliest smooth, flat white roots.

**Yellow Globe Green-Top.** Large, smooth roots.

**Neckless Rutabaga.** A small-topped, early Yellow Purple-Top, with uniform, large, clean, globe roots, without any neck.



Neckless  
Rutabagas

## Watermelons

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre

**Wilt-Resistant Kleckley's Sweets (No. 6).**

Fully resists wilt. Heavy crop of medium, oblong, dark green melons. Ships well.

**Dixie Queen.** Early, 15 x 12 inches, light green striped dark green. Fine quality; shipper.

**Wilt-Resistant Stone Mountain (No. 5).** This

is fully wilt-resistant. Heavy, very early, blocky, nearly round, dark green melons.

**Winter Queen.** Keeps well till Christmas. Early, round, pale green; prolific.

	Pkt.	¼oz.	Oz.	¼lb.	Lb.	5 lbs.
<b>TOMATOES. Beauty.</b> .....		\$0 30	\$0 85	\$2 50	\$7 50	\$36 25
Bonny Best. (Certified.).....	\$0 10	25	75	2 20	6 50	31 25
Bonny Best, Late.....		30	90	2 65	8 00	37 50
Break O'Day.....	10	30	80	2 35	7 00	33 75
Comet.....	25	1 25	3 85	11 50	40 00	
Dwarf Champion.....		Not available				
Dwarf Stone.....		Not available				
Earliana, Selected.....	10	30	85	2 50	7 50	36 25
Early Detroit.....		30	85	2 50	7 50	36 25
Early Prolific.....		35	1 00	3 00	9 00	42 50
Glovel.....		30	90	2 65	8 00	37 50
Greater Baltimore.....		25	75	2 20	6 50	31 25
Grothen's Red Globe.....		30	80	2 35	7 00	33 75
Italian Red Plum.....	10	40	1 15	3 35	10 00	47 50
John Baer.....	10	30	80	2 35	7 00	33 75
Marglobe. (Certified.).....	10	25	75	2 20	6 50	31 25
Master Marglobe.....		30	90	2 65	8 00	37 50
Oxheart.....	10	40	1 15	3 35	10 00	47 50
Ponderosa or Beefsteak.....	10	45	1 35	4 00	12 00	57 50
Pritchard or Scarlet Topper. (Certified.)		30	85	2 50	7 50	36 25
Rutgers. (Certified.).....	10	30	85	2 50	7 50	36 25
Rutgers Mother.....	50	2 00	5 00	18 00	60 00	
Stokesdale.....	10	30	90	2 65	8 00	37 50
Stokesdale Mother.....	50	2 00	5 00	18 00	60 00	
Stone, Selected.....	10	25	75	2 20	6 50	31 25
Valiant.....	10	30	90	2 65	8 00	37 50
Valiant Mother.....	50	2 00	5 00	18 00	60 00	
Victor.....		40	1 15	3 35	10 00	47 50
<b>TURNIPS, YELLOW</b>						
Golden Ball.....	\$0 10	\$0 20	\$0 50	\$1 50	\$14 00	\$33 75
Yellow Globe Green-Top.....	10	15	40	1 25	11 50	27 50
<b>TURNIPS, WHITE. Cow Horn.....</b>		15	40	1 25	11 50	27 50
Purple-Top Milan.....		20	50	1 50	14 00	33 75
Purple-Top White Globe. 5 lbs. \$5.25..	10	15	35	1 10	10 00	23 75
White Milan.....	10	20	50	1 50	14 00	33 75
<b>RUTABAGA. Neckless.....</b>	10	20	65	2 00	18 50	43 75
<b>WATERMELONS. Dixie Queen.....</b>	10	20	50	1 50	13 00	30 00
Winter Queen.....	10	20	50	1 50	13 00	30 00
Wilt-Resistant Kleckley's Sweets.....	10	20	50	1 50	13 00	30 00
Wilt-Resistant Stone Mountain.....	10	20	50	1 50	13 00	30 00

# FORBES FINE FLOWER SEEDS

*A full offering of the best, brought together from all quarters of the globe*

In any gardening effort, the results are really based on the quality of the seeds used. The greatest care and the longest experience are useless if the seeds are not good. It has been our pleasurable task since 1898 to currently determine the relative worth of all available seed strains. Our constant aim is to offer only the finest, and through the years Forbes Flower Seeds have earned an enviable record for consistent high quality. Commendable reports reach us in ever-increasing numbers. We feel that your use of Forbes Seeds will greatly add to your gardening pleasure and satisfaction.

## Seeds of Annual Flowers

With a delicate beauty all their own, annuals sprout from seed, grow, flower, fruit, and die all within the garden year. They are easily grown from seed.

### ACROCLINIUM

Popular Everlasting Flowers easily grown in any soil, blooming six weeks after seeding. Sow early indoors and set out in May for bloom from June until frost; or sow direct in the garden bed in May.

#### Giant Double Hybrids.

Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. 85c;  $\frac{1}{4}$  lb. \$2.50

Fine, large flowers in shades of salmon, apricot, pink, rose, and cerise, and in white and cream, on 20-inch plants.

### AGATHEA

This half-hardy perennial blue daisy is beautiful in the garden border. For cut-flowers, be sure to cut stems at bottom to cause plants to branch more freely. Likes rich, porous soil and full sun. A very excellent 45-degree greenhouse pot-plant and, if started in January and benched in July, the 18-inch plants will bloom from December to May. Repot plants each year.

#### Cœlestis.

Blue Marguerite. Exquisite single sky-blue rayed flowers,  $1\frac{1}{2}$  inches across, with yellow discs in June. Invaluable for dwarf borders. Seed is of irregular germination.

Not available.

### AGERATUM

Floss Flower. One of the very finest dwarf bedding plants, as it flowers continuously all summer up to frost. Flat-grown plants, ready from seed sown in January and February, sell very readily, particularly when showing color in the flat. Blue Boy sown in November or December makes fine pot-plants for Easter sale. Also sow in the garden in May. Thrives in full sun or half shade.

#### Blue Ball Improved.

Pkt. 20c;  $\frac{1}{16}$  oz. 55c;  $\frac{1}{4}$  oz. \$1.65; oz. \$5

The broad green foliage of the dwarf, symmetrical 5-inch plants when in full bloom is almost covered with small deep azure-blue flowers. They are very uniform and even in growth.

#### Blue Boy.

Pkt. 20c;  $\frac{1}{16}$  oz. 55c;  $\frac{1}{4}$  oz. \$1.65; oz. \$5

This extra-dwarf strain is the result of many years of careful selection. The plants are compact and very uniform, growing about 4 inches high. Its rich deep blue flowers of good size are very freely produced, almost obscuring the neat deep green foliage. Fine for borders and rock-gardens.

#### Blue Perfection.

Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50;  $\frac{1}{4}$  lb. \$4.50

Large flower-heads of deep amethyst-blue on 9 to 10-inch plants. Excellent for large beds and for cutting.

#### Little Blue Star.

Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3

The perfectly compact plants, about 4 to 5 inches high, are literally covered with small mauve-blue flowers.

#### Midget Blue

Pkt. 20c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{4}$  oz. \$2; oz. \$6

All-America Winner. This delightful little edging plant is the dwarfiest of all—3 inches high—with fine foliage literally covered with small, true ageratum-blue flowers. It comes uniformly dwarf.

Forbes Fine Flower Seeds are nationally known for their high quality, purity and germination



Ageratum, Blue Boy



Ageratum,  
Midget Blue



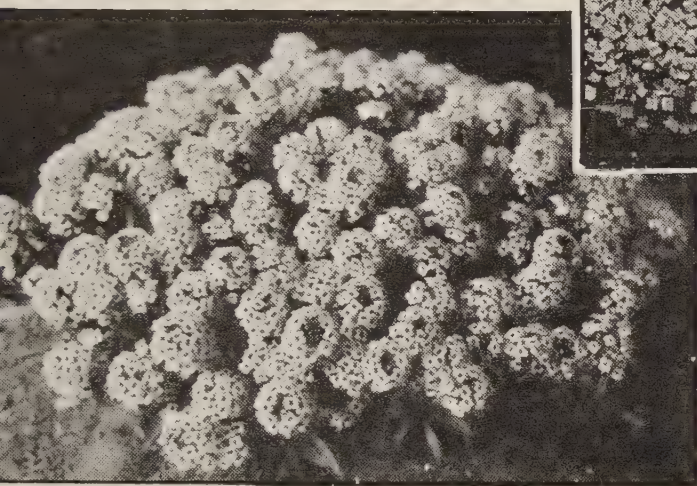
Acroclinium,  
Giant Double Hybrids



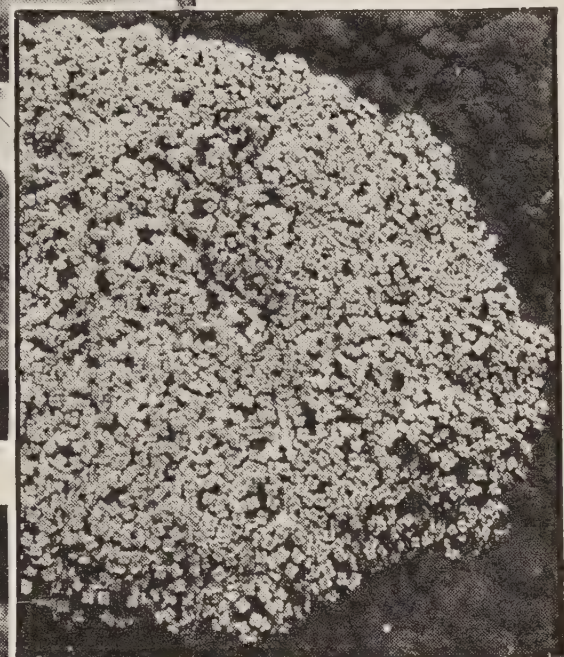
← Agathea  
cœlestis



Arctotis,  
Autumn Shades  
Hybrids



Alyssum,  
Snow Cloth



Alyssum, Violet Queen



← Anchusa,  
Blue Bird



Anagallis Grandiflora, Blue

## ALYSSUM

Fragrant edging plants fine for borders and window-boxes, with small flowers in great profusion through summer and fall. Sow the seed as soon as the ground is workable, having plants stand 8 to 12 inches apart. Cutting back the plants occasionally increases the bloom. They thrive well in any soil. For flat-grown plants, start the seed in March. For *Alyssum saxatile* see Perennial List.

### Carpet of Snow.

Round, flat plants, 5 inches high and 10 to 12 inches across, with a solid mass of tiny white flowers. Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50; lb. \$7.50

### Snow Cloth.

The very finest white variety, and blooms two weeks earlier than any other. The very flat round plants, 12 inches across and 2 inches high, form a compact mass of small pure white flowers. Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50; lb. \$7.50

### Violet Queen.

An extremely fine English strain of unusual beauty. The round plants, 10 inches across and 4 inches high, form mounds of striking bright violet and make a very unusual dwarf edging plant. The distinctive color, becoming even more intense as the season progresses, contrasts strikingly with the creamy centers which appear in many of the flowers. An ideal subject for flat-grown plants. Pkt. 15c; 1/4 oz. 45c; oz. \$1.35; 1/4 lb. \$4

## AMARANTHUS

Brilliant-foliaged annuals. Like hot sun and well-limed, not too rich soil. Give them room to develop.

### Molten Fire.

The most ornamental of all, with 3-foot plants having dark bronze leaves and perfect poinsettia-red tops. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 45c; oz. \$1.35

### Tricolor splendens.

Joseph's Coat. The inner foliage is black-bronze tipped with green; the outer, bright scarlet and gold. Height 3 feet. Pkt. 10c; 1/4 oz. 20c; oz. 60c

## ANAGALLIS

Pimpernel. A showy annual of compact habit which blooms freely from July to frost. Charming star-shaped flowers. Sow in May in a sunny location where plants are to bloom, and thin out.

### Grandiflora, Blue.

Deep turquoise-blue flowers which contrast beautifully with the bright green foliage of the 9-inch spreading plants. Pkt. 10c; 1/4 oz. 25c; oz. 60c

## ANCHUSA

Alkanet. These pretty summer Forget-me-not-like flowers are beautiful in beds and for cutting.

### Blue Bird.

Cape Forget-me-not. All-America Winner. The plants grow very compactly, 18 inches high, with nearly flat heads of vivid indigo-blue flowers at the top of the plant. Blooms throughout the summer. Pkt. 10c; 1/4 oz. 20c; oz. 60c

## ARCTOTIS

African Daisy. This handsome annual blooms from July until frost if given a sunny location. It lasts unusually long as a cut-flower. Sow seed outdoors in May. The Arctotis Hybrids are especially valuable for flat-grown plants and bring good prices. For this, start the seed indoors in March.

### Grandis.

Bushy 2 to 3-foot plants with 2-inch daisy flowers with mauve centers and pearl-white petals, reverse tinted lilac. Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50

### Autumn Shades Hybrids.

This fine border plant has gray-green foliage and large daisy-like flowers, 2 1/2 to 3 inches across on compact 10-inch plants. The colors embrace the rich autumn shades—red, orange, burnt orange, bronzy orange, yellow and cream, many with markings at the base of the petals. They are very gay in the border and do well in a dry soil. Pkt. 25c; 1/8 oz. 45c; 1/4 oz. \$1.35; oz. \$4

## ASPARAGUS

Fine for house decoration or for cutting, and will remain in fresh green condition for a long time.

### Plumosus nanus.

This is the graceful, fine, bright green florists' fern so much used in bouquets. Height 3 to 4 feet. Lath-house-grown. Pkt. 20c; 100 seeds 50c; 250 seeds 90c; 1000 seeds \$2.75; 5000 seeds \$12.50

### Sprengeri.

An admirable trailing variety for winter hanging-baskets and for outdoor flower-boxes in summer. Grows 4 feet long. Pkt. 15c; 100 seeds 35c; 1000 seeds \$2; 5000 seeds \$9

Many Flower Seeds will be scarce this year because of the war. Place your order early!

## ASTER

Few flowers make a better show in the fall than Asters. They are among the most popular fall annuals grown and justly so, because of their ease of culture, season of bloom and lasting qualities, both in the garden and as cut-flowers. For flat-plant sale start seed in March, no earlier, or in a greenhouse one month before they are to be transplanted, using sterilized soil. A 55 to 60-degree temperature is best to maintain growth. Water carefully to prevent overcrowded seedlings standing wet overnight. Aster seed may be sown direct in the garden bed after May 1.

### WILT-RESISTANT STRAINS

Highly resistant strains again make possible the successful growing of Asters. Do not confuse "Aster-wilt" with "Aster yellows." The latter shows yellow or white spots on the plants which when badly infested shrivel up and fail to bloom. "Aster yellows," caused by leaf hoppers, is prevented by growing plants under a tight cloth cover.

#### W. R. American Beauty Mixed.

Pkt. 15c; 1/8oz. 35c; 1/4oz. 55c; oz. \$1.65; 1/4lb. \$5; lb. \$15

These beautiful flowers, from 4 to 5 inches across, have full heads of incurved petals and 18-inch stems and are produced in early September on plants 2 1/2 to 3 feet high. The keeping qualities are excellent.

#### W. R. Branching.

Each, pkt. 10c; 1/8oz. 25c; 1/4oz. 45c; oz. \$1.35; 1/4lb. \$4; lb. \$12

This superb strain forms strong, branching bushes, 2 1/2 to 3 feet high, bearing on long, strong stems their chrysanthemum-like, large, fluffy blooms, double to the center, of exquisite form and delicate color, and the petals broad and undulating. They bloom usually at their best during September.

**Azure-Blue, Crimson, Shell-Pink, Purple, Deep Rose, White, and Mixed.**

#### W. R. Crego Improved, Mixed.

Pkt. 10c; 1/8oz. 30c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50; lb. \$13.50

Robust, branching plants 2 to 2 1/2 feet high, which bear, in mid-September, brilliant displays of large, double flowers with flat, curled petals. Very fine for cutting. The colors include Navy-Blue, Crimson, Orchid, Shell-Pink, Purple, Deep Rose, Dark Violet, White.

#### W. R. Heart of France.

Pkt. 15c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.80; 1/4lb. \$5.50; lb. \$16.50

Medium-sized, rich deep red flowers with long stems in late August, on 1 1/2 to 2-foot branching, robust plants.

#### W. R. Queen of the Market, Mixed.

Pkt. 10c; 1/8oz. 25c; 1/4oz. 45c; oz. \$1.35; 1/4lb. \$4; lb. \$12

This is an early Aster usually in bloom 2 weeks before most others. The graceful, double flowers of good size, on long stems for cutting, appear in early August, on branching plants 20 inches high. Excellent for cut-flowers.

### REGULAR STRAINS (Not Wilt-Resistant)

#### California Giants, Mixed.

Pkt. 15c; 1/8oz. 30c; 1/4oz. 80c; oz. \$2.35; 1/4lb. \$7; lb. \$21

Combines the giant size and vigor of American Beauty with the earliness and fluffy, flat, curled petals of Crego. The 5-inch flowers are full-centered, on 18-inch stems, from late summer until frost, on 3-foot plants.

#### Giant California Sunshine, Mixed.

Pkt. 20c; 1/8oz. 35c; 1/4oz. 65c; oz. \$2

Beautiful half-double 5-inch blooms, on long, stiff stems. The yellow, quill-like cushion center is encircled by a single row of contrasting petals. In pastel tones before mid-September on 2 to 3-foot plants.

#### Imbricated Pompon, Mixed.

Pkt. 15c; 1/8oz. 45c; 1/4oz. 80c; oz. \$2.35; 1/4lb. \$7

Small round pompon blossoms, often as many as twenty to a plant, in early August, on upright 18-inch plants.

## BALSAM

**Lady Slipper.** These half-hardy annuals love hot sun, rich soil, and plenty of water. They grow very rapidly and from seed sown in May soon form strong bushes thickly massed with rose-like flowers.

#### Double Camellia-flowered, Mixed.

Pkt. 10c; 1/4oz. 20c; oz. 65c; 1/4lb. \$2; lb. \$6

Bushy 18-inch shining green plants with extra-double flowers clustered along the stems. In white, and red shades.

#### Dwarf Bush, Torch.

Pkt. 20c; 1/8oz. 55c; 1/4oz. \$1.65; oz. \$5

The double vermilion-red flowers of this type appear in clusters on top of the stem, instead of on the sides. They make nice 8 to 10-inch compact pot-plants for spring sale.

#### Dwarf Bush, Mixed.

Pkt. 20c; 1/8oz. 55c; 1/4oz. \$1.65; oz. \$5

## BEGONIAS FOR BEDDING

Fine bedding plants, 10 to 12 inches high, for full sunlight and partial shade, with a continuous profusion of small flowers from summer to fall. Summer seedlings make fine winter house-plants.

#### Gracilis, Indian Maid.

Pkt. 35c; Tr. pkt. \$1.75; 1/4oz. \$3.50

Bright, deep scarlet flowers of good size on dwarf 10-inch plants, contrasting with the deep lustrous bronze foliage.

**Gracilis luminosa.** Dark scarlet with brown foliage.

**Gracilis, Prima Donna.** Rose-pink with green foliage.

Pkt. 30c; Tr. pkt. \$1; 1/4oz. \$3

Pkt. 30c; Tr. pkt. 75c; 1/4oz. \$2; 1/8oz. \$6

**FLOWER GARDEN MIXTURE.** A mixture of annuals for both borders and cut-flowers. Oz. 30 cts.



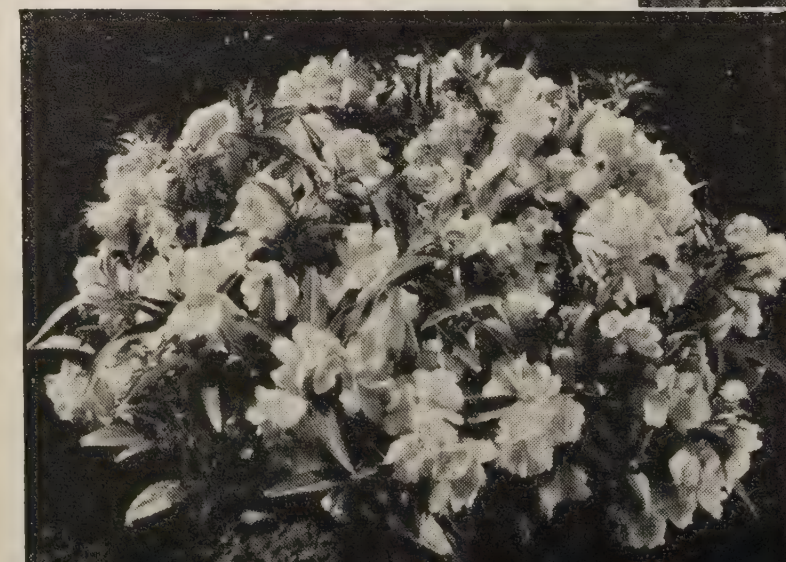
Aster,  
American  
Beauty



Aster, Wilt-Resistant Branching



Aster, Giant  
California Sunshine



Balsam,  
Dwarf Bush



Calendula, Ball's Orange



Browallia speciosa major



Annual Canterbury Bells

← Calliopsis,  
Dwarf Mixed

## BRACHYCOME

Swan River Daisy. Most charming little annual flowers imaginable, and easy to grow in any soil. Pkt. 10c; 1/4 oz. 30c; oz. 85c.  
**Iberidifolia, Mixed.**  
The 10-inch plants, with finely lacinated foliage, are ideal for low borders. They bear a profusion of dainty flowers resembling small cinerarias, held well above the foliage, in white and shades of blue.

## BROWALLIA

An excellent pot-plant, and if seeded in January and benched in March, it will come to bloom in May. Fine as a bedding plant, particularly in shade, where it will bloom all summer. For bedding start seed in February or early March, transplant to pots and set out in the garden beds in May.

### Speciosa major.

Large, 5-petaled star-shaped flowers of bright ultramarine-blue on 10 to 12-inch very free-flowering plants. Not available.

### Viscosa compacta, Sapphire.

A more compact form with full foliage and small, pretty dark blue flowers with white eye. Height 9 to 10 inches. Not available.

## CALENDULA

Pot Marigold. One of the showiest hardy annuals, blooming from early summer until frost in any good garden soil. Sow the seed direct in the garden bed in April or May. For flat-grown plants start the seed indoors in February or March and grow in a cool temperature with plenty of air in fairly rich soil. Keep the flowers cut for continuous blooming. Make a late sowing in early July for fall plants.

### Ball's Gold.

Extra-large, uniformly double flowers of a deep golden yellow with lighter centers, on extra long-stemmed plants. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c; oz. \$2; 1/4 lb. \$6

### Ball's Orange.

Bright golden orange flowers with lighter centers. Outstanding for extra-large size and long stems. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c; oz. \$2; 1/4 lb. \$6

### Campfire, Improved Strain.

This is vastly improved over Campfire or Sensation, and is ideal for florists' use. The blooms are flat across the top, 4 inches or more in diameter, with long, heavy cutting stems. The color is a rich deep orange with scarlet sheen. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c; oz. \$2; 1/4 lb. \$6

### Chrysantha or Sunshine.

All-America Winner. This is a distinct variety, ideal for garden cutting. The plants, 2 to 2 1/2 feet high, bear long-stemmed, large, buttercup-yellow flowers with long, loosely arranged petals, resembling a chrysanthemum. Pkt. 10c; 1/4 oz. 25c; oz. 75c; 1/4 lb. \$2.25

### Lemon Queen.

This is an improved strain with large double conventional flowers of pleasing deep lemon-yellow with lighter center. Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50

### Orange King.

An unusually fine selection, with enormous very double, conventional flowers of deep red-orange, slightly darker at the full center, on stems excellent for cutting. Blooms in advance of other varieties and remains in bloom through the whole season, even after the first light frosts. Height 18 inches. Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50

### Orange Shaggy.

All-America Winner. Graceful, orange-red flowers which are slightly lighter toward the center, giving a two-tone effect, on long, strong stems, fine for cutting. The petals are long, deeply lacinated, and give a shaggy appearance resembling some chrysanthemums. The 18-inch plants flower profusely. Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50

### Double Mixed.

These are of the conventional type with extra-large flowers in all of the orange and yellow tones. Pkt. 10c; oz. 45c; 1/4 lb. \$1.35; lb. \$4

## CALLIOPSIS

Blooms all summer in a dry, sunny spot. Sow in May where to bloom, thinning out to 6 inches apart.

### Dwarf Mixed.

Compact, bushy 12-inch plants, covered with gay single flowers. These have overlapping, notched ray petals, and are marked with bands or contrasting centers in yellow, orange, brown, maroon and crimson. Pkt. 10c; 1/4 oz. 15c; oz. 45c; 1/4 lb. \$1.25

## CANTERBURY BELLS

All-America Winner. Like the well-known biennial, *Campanula Medium* single, except that they bloom in six months from seed. The plants, 2 1/2 feet high, each produce 6 to 8 flower spikes.

### Mixed Hybrids.

Pkt. 10c; 1/4 oz. 25c; oz. 75c; 1/4 lb. \$2.25

In this catalog wherever we offer Formula Mixture, it means we make a special mixture of separate or named varieties, according to a specific formula, each variety in proportion to its popularity. Such a mixture, of course, is very much superior to an ordinary commercial mixture grown as such.

## CANDYTUFT

These provide very attractive margins and edgings, and superb cut-flowers. A continuous supply may be grown by successive sowings, making the first outdoors in April where the plants are to bloom, thinning to stand 8 to 12 inches apart, allowing room for full development. They like rich soil and should be watered freely. They will bloom in about 8 weeks from sowing. Also see the Perennial List.

### Giant White Hyacinth-flowered.

Pkt. 10c;  $\frac{1}{4}$ oz. 25c; oz. 75c;  $\frac{1}{4}$ lb. \$2.25; lb. \$6.75

An extra-select free-blooming strain, with 18-inch branching plants, each branch terminating in an immense spike of snow-white florets. Best for cutting because of its branching habit and good stems.

### Dwarf Mixed Umbellata.

Pkt. 10c;  $\frac{1}{4}$ oz. 25c; oz. 60c;  $\frac{1}{4}$ lb. \$1.75; lb. \$5.25

An especially fine strain with compact, uniform plants, 6 inches high, bearing quite large flower-umbels of umbrella form. These are unexcelled for bedding plants, and make admirable margins.

### Mammoth Umbellata.

Each, pkt. 10c; oz. 45c;  $\frac{1}{4}$ lb. \$1.35; lb. \$4

Extra-large umbels on 12-inch branching plants. **Carmine, Lilac, Flesh-Pink, White and Mixed.**

### Jucunda.

Pkt. 25c;  $\frac{1}{2}$ oz. 50c;  $\frac{1}{8}$ oz. \$1.50

An unusually pretty deep pink variety on miniature plants 4 inches high. An excellent subject for the rock-garden. Really a perennial but best treated as an annual in our latitude.

## CARDINAL CLIMBER

Pkt. 20c;  $\frac{1}{4}$ oz. 65c; oz. \$2

The most beautiful and colorful of all annual climbers. The rapid-growing, fern-like vine attains a growth of 20 to 30 feet, and is studded with intense, fiery cardinal-red flowers,  $1\frac{1}{2}$  inches across, in clusters from summer to frost.

## CARNATION

These fine strains are classed as annuals, as they bloom the first year from seed. In favorable latitudes the plants will winter over if given protection, and will flower again the next season. If the seed is started between January and March indoors and transplanted to the garden in late May, at least 6 inches apart, you will have blooms from early summer right up to frost. A sowing in April gives flowers, but not until fall. In the fall pot the plants and cut back, to bloom again indoors.

### Chabaud's Giant Outdoor, Scarlet.

Pkt. 20c;  $\frac{1}{16}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.35; oz. \$4;  $\frac{1}{4}$ lb. \$12

These bloom in five months from the time the seed is planted, and continue throughout the summer. They are of robust, upright form and 20 inches high, each plant with 10 to 20 stalks bearing huge, strongly clove-scented, double flowers of fine form. To get largest blooms allow only one bud to a stem. Excellent for cutting.

### Chabaud's Giant Outdoor Formula, Mixed.

Pkt. 20c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3;  $\frac{1}{4}$ lb. \$9

### Chabaud's Enfant de Nice, Mixed.

Pkt. 20c;  $\frac{1}{16}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5;  $\frac{1}{4}$ lb. \$15

This is truly a magnificent strain, with remarkable flowers for an outdoor Carnation. They are very fragrant, with full heads  $2\frac{1}{2}$  to 3 inches across, on extremely stiff stems above plants of compact, upright growth, 20 inches high. This strain is the last word in annual Carnations. They make exceptionally fine borders and are admirable for cutting. The mixture includes Light Pink, Blood-Red, Deep Rose, Salmon, Scarlet, Striped, and White.

## CELOSIA

The dwarf Cockscombs are very showy in the border, and the plumed, feathered varieties are especially attractive in large beds. All are useful for cutting and retain their color even when dried. For the outdoor garden sow the seed May 15, in quite rich soil, and water freely. They bloom continuously from midsummer until frost. For spring pot sale start the seed indoors in March and transplant.

### Childsi, Mixed.

Pkt. 10c;  $\frac{1}{8}$ oz. 25c;  $\frac{1}{4}$ oz. 40c; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75

Chinese Woolflower. The plants, 2 to 3 feet high, form many branches, each terminating in a globe-shaped flower-head resembling a ball of wool. The colors do not fade and embrace crimson, pink, rose and yellow.

### Cristata, Dwarf Empress.

Pkt. 10c;  $\frac{1}{16}$ oz. 20c;  $\frac{1}{4}$ oz. 65c; oz. \$2;  $\frac{1}{4}$ lb. \$6

Cockscomb. Dwarf 10-inch plants with dark bronze foliage and enormous crimson heads like a cockscomb.

### Cristata, Dwarf Mixed.

Pkt. 10c;  $\frac{1}{16}$ oz. 20c;  $\frac{1}{4}$ oz. 65c; oz. \$2;  $\frac{1}{4}$ lb. \$6

Cockscomb. These dwarf, 1-foot plants are very uniform, bearing bright flowers in many colors, including crimson, rose, orange, gold and white. They are fine for borders and bloom all summer.

### Plumosa, Ostrich Plumed, Mixed.

Pkt. 10c;  $\frac{1}{4}$ oz. 35c; oz. \$1;  $\frac{1}{4}$ lb. \$3

These are handsome plants of symmetrical, pyramidal growth, 2 feet high, each branch topped with a richly colored plume. They make gorgeous displays in beds from July until September in crimson, fiery red, scarlet and yellow.

### Pyramidalis, Dwarf Fiery Feather.

Pkt. 15c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3;  $\frac{1}{4}$ lb. \$9

This plumed Pyramidalis type is fine for bedding and for spring pot-plants. Perfect pyramids, 12 inches high, with fiery red spires branching mostly from the base of the plant.

### Pyramidalis, Flame of Fire.

Pkt. 20c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3

All-America Winner. Of perfect pyramidal habit, 18 inches high, with center stalk and many side branches, each topped with a round, plumed flower-head of vivid, fiery scarlet. These make striking pot-plants.



Candytuft,  
Dwarf Umbellata



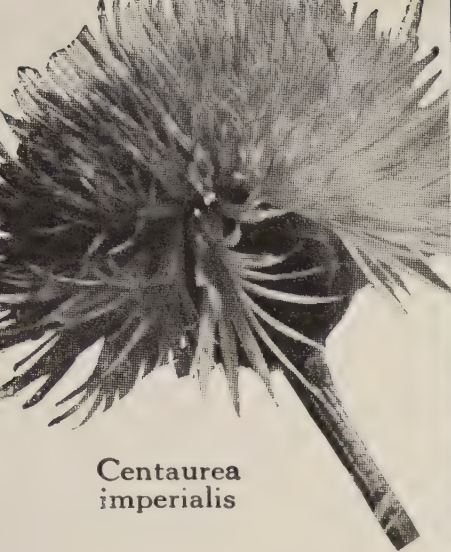
← Carnation,  
Chabaud's Giant  
Outdoor



Celosia pyramidalis,  
Flame of Fire



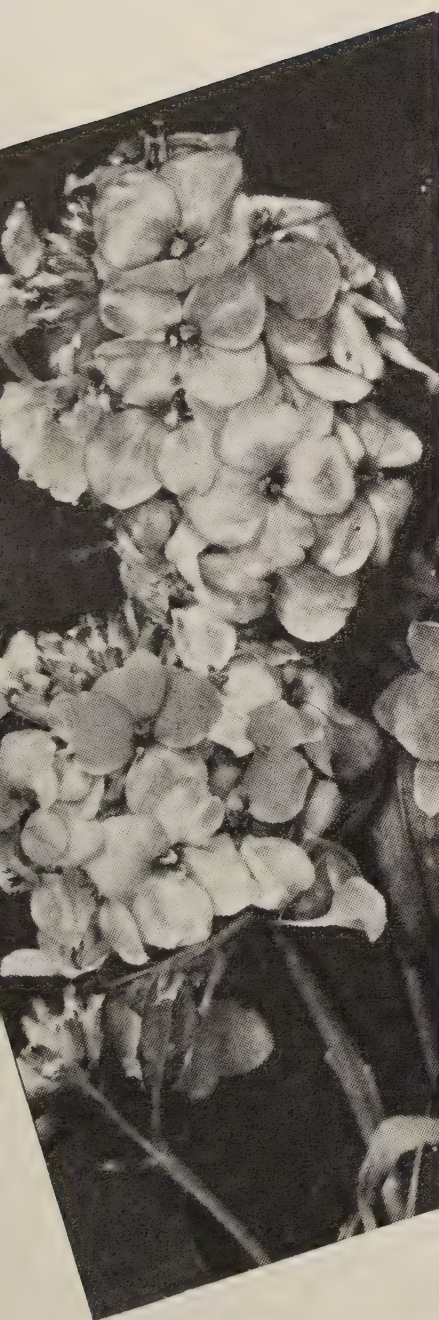
← Candytuft, Giant  
White Hyacinth-flowered



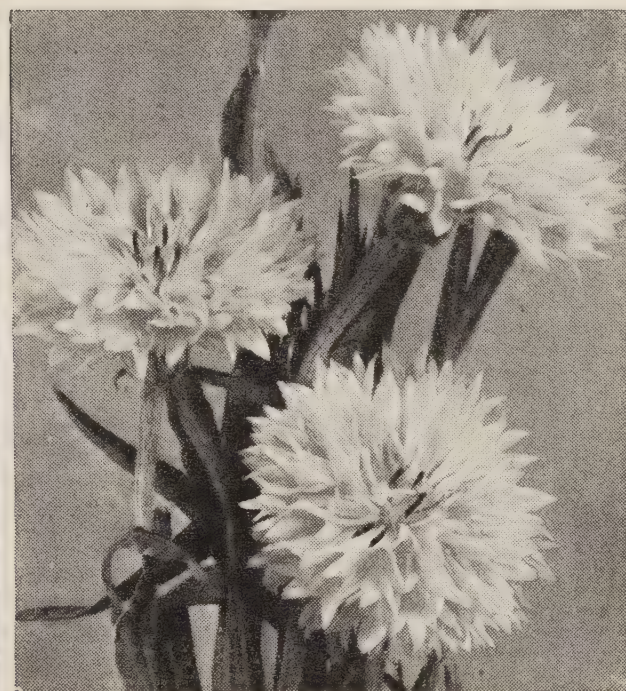
Centaurea  
imperialis



Chrysanthemum, Single, Tricolor



Cheiranthus  
Orange Improved



Centaurea Cyanus, Super-Giant



Centaurea candidissima

## CENTAUREA

These garden favorites are easily grown, require no care, and bloom continuously. Sow in the fall, direct in the garden bed, and thin out the following spring to stand at least 10 inches apart. These will give spring flowers. Or, seed can be sown in 2-inch pots in February or March and set in the garden border in April. The seedlings do not like transplanting. Seed sown in the garden in April or May will produce flowers from summer to frost if the faded flowers are cut.

### Cyanus, Jubilee Gem.

All-America Winner. A dwarf Cornflower with compact 12-inch plants literally covered with flowers. The foliage, distinct from other Cornflowers, forms a bright green tuft, and the very double flowers are a deep, intense blue. This makes an excellent pot-plant for growing in a cold greenhouse.

Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50

### Cyanus, Super-Giant.

Cornflower. This is a perfected strain, with larger, more double and more vividly colored flowers on long stems, splendid for cutting. The 3-foot plants when in full bloom make a sight long to be remembered. There is no finer strain. **Black Boy**, blackish maroon; **Blue Boy**, intense Cornflower blue; **Pinkie**, deep pink; **Red Boy**, glowing red; **Snowman**, pure white; and **Formula Mixed**.

Each, pkt. 10c; 1/4 oz. 20c; oz. 55c; 1/4 lb. \$1.65; lb. \$5

### Imperialis, Mixed.

Giant Sweet Sultan. These sweet-scented, large fluffy flowers on long stems above 2 1/2-foot plants are excellent for cut-flowers, as they keep well for several days. They like a rich, loose soil and bloom from June through August.

Pkt. 10c; 1/4 oz. 30c; oz. 75c; 1/4 lb. \$2.25; lb. \$6.50

### Suaveolens.

Yellow Sweet Sultan. Very showy, large, bright yellow, sweet-scented flowers, popular as a florists' variety. The 2-foot plants afford long stems, making this a splendid subject for cutting.

Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50

## WHITE-LEAVED CENTAUREAS

Dusty Miller. Used for edging, the glistening white foliage making a striking contrast with bright coleus, salvias or red cannas. Start the seed indoors in January or February. For other Dusty Miller see *Cineraria maritima*.

Pkt. 10c; 1/8 oz. 45c; 1/4 oz. \$1.35; oz. \$4

### Candidissima.

This is a broad, cut-leaved, silvery variety, 1 foot high. The seed germinates slowly and makes slow growth.

Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50

### Gymnocarpa.

Ornamental, round bushes, 2 feet high, of silvery gray, fernlike foliage, and fine for hanging-baskets and edging.

## CHEIRANTHUS

Siberian Wallflower. A biennial, but if grown as an annual it blooms the first year from seed sown early indoors. If sown like pansies, myosotis, etc., in July, winter plants over in coldframes or with protection, and set out in spring. The 12-inch plants bear upright flower spikes.

### Orange Improved.

Dazzling, fiery orange flowers, which make very striking effects, particularly in large borders. Popular for plant sale.

Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.15; lb. \$3.50

## CHRYSANTHEMUM

Showy flowers of easiest culture and fine for cutting. Sow seed outdoors in May and thin plants to 10 inches apart for bloom all summer. Pinch in early growth. For earlier flowers sow the seed indoors in March and transplant in May. For Hardy Varieties see Shasta Daisy in Perennial List.

### Coronarium, Double, Mixed.

These make vigorous, rapid growth, beginning to bloom twelve weeks from seed. Strong, 3 to 4-foot plants, with very double, full-centered flowers, on long stems, in cream, lemon, buttercup, golden and bronzy yellow.

Pkt. 10c; 1/4 oz. 15c; oz. 50c; 1/4 lb. \$1.50

### Tricolor, Single, Mixed.

The 2-foot plants bear, on strong stems, a great profusion of daisy-like flowers, mostly in shades of yellow and orange, and white, with two zones of contrasting darker colors encircling the center disc.

Pkt. 10c; 1/4 oz. 15c; oz. 40c; 1/4 lb. \$1.25

## CINERARIA

Dusty Miller. This is used for white-leaved edging plants. For others, see White-leaved Centaureas.

### Maritima, Diamond.

The finest White-leaved Cineraria, with compact, 10-inch plants of even growth, and broad, snow-white foliage.

Pkt. 15c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50

During war-time it is essential to keep up morale. Long work-hours, anxiety about our men and women in service, the dislocation of our normal lives, all call for some comforting distraction. Here's where bright flower borders will help. With less opportunity to vacation this year, fix up your garden. Grow flowers.

## CLARKIA

Very effective in the garden and for cutting. It does best where summers are not too hot, and thrives in poor, sandy or ashy soil in shady locations. Sow outdoors in April, or for earlier flowers start in March indoors in pots of poor soil, transferring in the pots to the garden bed in May.

### Elegans, Double, Mixed.

Long, graceful sprays of double flowers resembling cherry blossoms, coming in beautiful soft shades of many colors. The 2-foot plants make very attractive beds and if the sprays are cut before they mature they last well in water. For indoor culture, start seed in January in 2-inch pots in poor soil. Do not feed, and water sparingly.

Pkt. 10c; 1/4oz. 35c; oz. \$1

## CLEOME

Spider Flower. An excellent background subject for the rear of the flower border or in bold groups. Either will provide an interesting color sky-line.

### Giant Pink Queen.

All-America Winner. A new true pink variety blooming from June to frost from seed sown early. Free from insects and disease. Height 4 feet.

Pkt. 15c; 1/8oz. 25c; 1/4oz. 45c; oz. \$1.25

## COLEUS

Flame Nettle. An attractive vari-colored foliage plant very widely used for bedding, and for indoor culture. For spring plants sow the seed indoors in January or early February and shift the plants later to pots of rich, porous soil. Height 1 to 1 1/2 feet.

### Giant Exhibition Mixture.

Our very finest large-leaved strain with striking brilliant as well as dull colors, in a great number of rich variations.

Unable to supply.

### Mammoth Rainbow, Mixed.

Heart-shaped leaves up to 10 inches long and 8 wide, handsomely crimped, toothed and frilled in remarkable colors.

Unable to supply.

## COSMOS

These beautiful, feathery-foliaged plants produce an abundance of artistic cut-flowers in summer and fall. They are easy to grow, preferring a rather light soil, and should be pinched back when a foot high to encourage branching. For flat-plant sale, start the seed in February in a warm temperature. The seed may be sown in the open ground after warm weather sets in, thinning to allow ample room.

### Dwarf Early Summer-flowering.

Each, pkt. 10c; 1/4oz. 15c; oz. 45c; 1/4lb. \$1.35; lb. \$4

Large flowers, 3 inches across, on vigorous, 4-foot plants in July. The flowers rival the size of the late varieties, but mature more than four weeks earlier. **Crimson, Pink, White, or Mixed.**

### Early Double-flowering, Mixed.

Pkt. 15c; 1/8oz. 40c; 1/4oz. 70c; oz. \$2; 1/4lb. \$6

The 4-foot bushy plants are massed with double flowers, like anemone-flowered chrysanthemums, 1 1/2 to 2 inches across, in July. They will come about 65 per cent double.

### Orange Flare.

Pkt. 10c; 1/4oz. 30c; oz. 85c; 1/4lb. \$2.50

All-America Winner. Masses of vivid orange blooms in less than four months from seed, produced on long stems, but the plants grow only 3 1/2 feet high. It likes full sun and flowers should be cut when newly opened.

### Yellow Flare.

Pkt. 10c; 1/4oz. 30c; oz. 85c; 1/4lb. \$2.50

All-America Winner. The first and only Yellow Cosmos. Beautiful, lively bright yellow flowers, 2 1/2 inches across on long-blooming 3-foot plants. The color harmonizes well with other flowers and is very effective in masses.

### Sensation, Mixed.

Pkt. 10c; 1/4oz. 25c; oz. 75c; 1/4lb. \$2.25

All-America Winner. These are huge flowers 4 to 5 inches across, in white, crimson and pink shades, with broad, heavy, fluted petals which slightly overlap. They are produced on long, strong stems in 10 weeks from seed, on heavily foliaged 4-foot plants. They should be spaced 3 feet apart and disbudded to produce largest flowers.

### Sensation, Dazzler.

Pkt. 10c; 1/4oz. 30c; oz. 85c; 1/4lb. \$2.50

Huge flowers of the true Sensation type in deep crimson-red on long stems.

## CUPHEA

Cigar Plant. Seed started indoors in February or March produces excellent pot-plants for spring sale. The plants, set in the garden in May, are unexcelled for bedding and bloom throughout the summer.

### Firefly.

Pkt. 15c; 1/8oz. 30c; 1/4oz. 55c; 1/4oz. \$1; oz. \$3

A dwarf, compact, 10-inch, densely leaved annual which bears a profusion of small, delicately formed, fiery cerise-red flowers with deepening centers. When in full bloom it resembles a ball of fire.

## CYNOGLOSSUM

Chinese Forget-me-not. A showy, free-flowering annual of the easiest culture and very attractive.

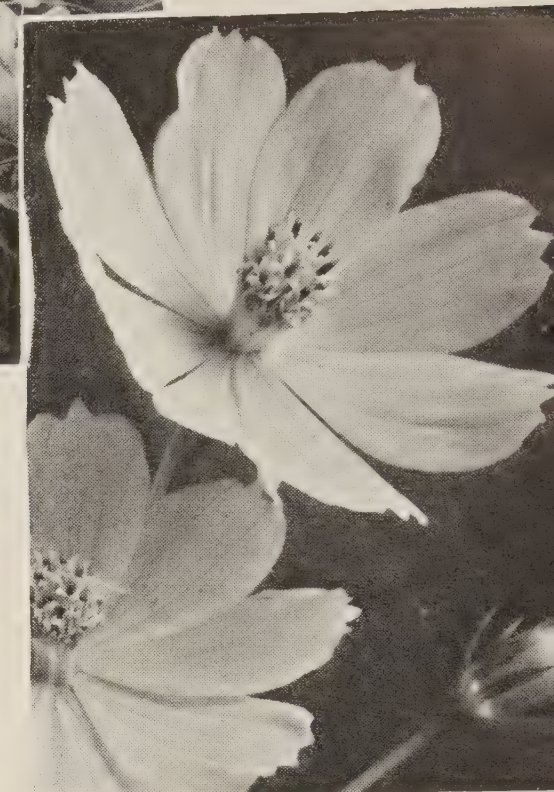
### Firmament.

Pkt. 10c; 1/8oz. 20c; 1/4oz. 35c; oz. \$1

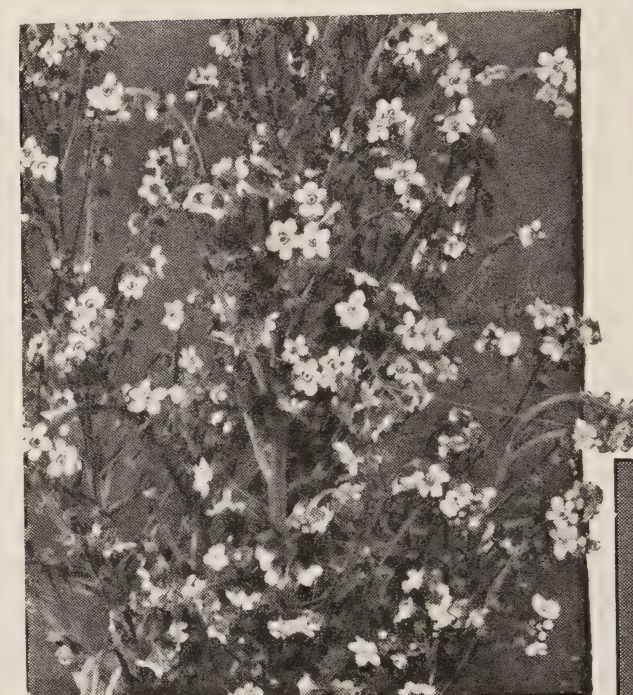
All-America Winner. A new dwarf type with bushy, compact, 15-inch plants smothered with bright, rich blue flowers throughout spring and summer. Excellent for cutting, for beds, and particularly for rock-gardens.



Cleome, Pink Queen



Cosmos, Yellow Flare



Cynoglossum, Firmament



Clarkia elegans, Double



Cuphea, Firefly

Didiscus  
cærulea



Dianthus chinensis  
Double, Mixed



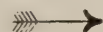
Dimorphotheca aurantiaca



Dahlborg Daisy



Dahlia, Unwin's  
XXX Dwarf Hybrids



## DAHLBORG DAISY

An excellent new dwarf border annual. The thrifty 8-inch plants, 12 inches across, with finely cut foliage, are neat, uniform and attractive. They freely produce small, single, golden yellow, daisy flowers, well above the foliage, from spring continuously to frost. For spring bedding plant sale, start the seed indoors early. The plants will begin to show bloom when the flats are ready for sale. The seed may also be sown outdoors in late April. The seed is of irregular, slow germination. Of great value for its earliness and long flowering period.

## DAHLIA

These are easily raised from seed and will bloom the first year if sown indoors from February to March, and fine pot plants of Unwin's may be grown for spring sale from seed started in January. The tubers may be divided and potted the second year in a cool greenhouse, to make fine plants for Mother's Day.

### Select Exhibition, Mixed.

Saved from a large number of the choicest and newest varieties, including many unnamed future favorites.

### Unwin's XXX Dwarf Hybrids.

An especially reselected strain with double and semi-double flowers in a great variety of colors: canary-yellow, scarlet, terra-cotta, crimson, lavender-pink, purple, maroon, buff, cream, white, etc. Produced in 3 months from seed on compact 2-foot plants. Seed sown indoors in March will grow blooming plants by the end of June. This is excellent for flat-grown or pot-grown plants for spring bedding sale.

## DIANTHUS

Pinks. These are fine, strong, sturdy plants, bearing their exquisitely fragrant blooms through summer to frost. Sow seed outdoors in April as soon as ground can be worked, or for earlier flowers start seed indoors in February or March, and set out in the garden when frost is over. Have the plants stand at least 6 inches apart. They like a sunny location. For Hardy Varieties see Perennial List.

### Chinensis, Double Mixed.

China Pinks. Very double flowers of many bright colors, borne profusely in large clusters on strong, 18-inch plants.

### Double Japanese Pinks, Fireball.

Dwarf compact plants about 10 inches high, with an abundance of sweet-scented, deep scarlet, double flowers.

### Double Japanese Pinks, Mixed.

### Double Fringed Japanese Pinks. Wonderful, Mixed.

A very fine mixture of Double Fringed Japanese Pinks with large, double, deeply cut flowers on stiff, upright stems, ranging from white to purplish red on 12-inch plants.

## DIDISCUS

An easily grown annual which is excellent for cutting, blooming from July until frost. Start the seed indoors in March for earliest flowers, or sow outdoors in a well-prepared bed early in May.

### Cærulea.

Blue Lace Flower. Pale azure-blue, lace-like, umbel-shaped flowers on long stems, on free-flowering, 1½-foot plants.

## DIMORPHOTHECA

African Daisy. Interesting, very attractive flowers which make very rapid growth and will bloom outdoors in six weeks from an April sowing. Blooms all summer if given a sunny location.

### Aurantiaca, Orange. Golden orange, and Mixed.

Each, pkt. 15c; ⅛oz. 25c; ¼oz. 45c; oz. \$1.35; ¼lb. \$4. Daisy-like flowers, 2½ inches across, with dark centers and long narrow incurving petals, on thin wiry stems held above nice bushy plants, 12 to 15 inches tall.

## ESCHSCHOLTZIA

California Poppy. Easily grown, gorgeous flowers which are ideal for beds, mass plantings and for cutting. If cut in bud they will open in water and will last longer. Sow the seed in April or May in a sunny garden bed, and thin out seedlings to give ample room. They will bloom continuously from June until frost. An outdoor September sowing will provide earliest flowers the following spring.

### California Hybrids, Mixed.

The utmost in California Poppies. A dwarf, erect strain on 1-foot plants, with beautiful lace-like, silvered foliage. The single flowers come in lovely shades of soft pink, scarlet, chrome, copper-red, claret, and royal purple.

## EUPHORBIA

Very showy, with ornamental foliage suitable for tall beds or mixed borders. Sow outdoors in April.

### Variegata.

Snow-on-the-Mountain. Strong, 2-foot bushy plants with wide green leaves veined and margined with white.

## FOUR-O'CLOCK. See Marvel of Peru.

Not available

## GAILLARDIA

Blanket Flower. These provide a continual show of bright flowers from early summer until frost. Sow seed in April or May where the plants are to bloom. For Hardy Varieties see Perennial List.

### Lorenziana, Double Mixed.

Pkt. 10c; ¼ oz. 35c; oz. \$1; ¼ lb. \$3

Bright, double ball-flowers in orange, yellow, red and rose shades. These 1½-foot bedding plants freely produce the flowers from midsummer to frost, on fine stems. They stand drought well.

### Pinwheel.

Pkt. 15c; ⅙ oz. 30c; ¼ oz. 85c; oz. \$2.50

This new annual sort is unique and provides excellent cut-flowers through a very long period. The single flowers, 2½ inches across, are intense wine-red at the center shading to cherry-pink toward the outside with large petal tips of silvery gray-white. The easily grown plants are 15 inches high.

## GLOBE AMARANTH

Gomphrena. A showy annual with clover-like heads from July until frost. Sow the seed outdoors in May in a sunny spot. Provides cut-flowers for bouquets and Everlasting Flowers for winter use.

### Dwarf Purple.

Pkt. 15c; ¼ oz. 30c; oz. 85c; ¼ lb. \$2.50

This is a dwarf strain freely produced on robust 6 to 8-inch plants, with strawy, clover-like, purple flower-heads. Fine in the dwarf border and rock-garden, but especially valuable for pot culture.

### Orange.

Pkt. 10c; ¼ oz. 30c; oz. 90c; ¼ lb. \$2.75

Flower-heads of burnt orange color which somewhat resemble ripe strawberries on plants about 12 inches high.

### Purplish Red.

Pkt. 10c; ¼ oz. 20c; oz. 60c; ¼ lb. \$1.75

This is the best-known and perhaps most popular variety. The clover-like heads on 1-foot plants are red-purple.

### Globe Amaranth, Mixed.

Pkt. 10c; ¼ oz. 20c; oz. 50c; ¼ lb. \$1.50

Free-flowering 18-inch plants producing clover blooms of purple-red, pink, orange, and white striped violet.

## GOURDS, ORNAMENTAL

Quite popular for roadstand sale. Climbers, growing 15 to 20 feet, with ornamental foliage and singularly shaped fruits. Sow after danger of frost in a warm, sandy, very well-drained location. When matured, dry and hard, clean the Gourds and give a light coating of varnish or shellac.

### Small Varieties.

Each, pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.15; lb. \$3.50

These are the most useful, coming not only in various shapes but in interesting combinations of colors and markings.

**Apple**—apple-shaped; **Bottle**—green mottled, bottle-shaped; **Egg**—white egg-shaped; **Flat Striped**—flat, round, green-and-white striped; **Horned Cucumber**—spined oval-shaped; **Turk's Turban**—contrasting bright colors.

### Small Varieties Mixed.

Pkt. 10c; oz. 35c; ¼ lb. \$1; lb. \$3

## GYPSOPHILA ELEGANS

Baby's Breath. Feathery panicles of small star flowers, gracefully borne on slender stems on 1½-foot plants. They are excellent for cutting to mix with other flowers. Sow at intervals where intended to bloom and thin out the plants to permit full development. They are of easy culture, like a sunny, well-limed soil and bloom in six weeks. For Hardy Varieties see Perennial List.

### Crimson Gem.

Pkt. 10c; ¼ oz. 25c; oz. 75c; ¼ lb. \$2.25

The light anilin-red flowers are smaller than the more popular white varieties, but are very attractive.

### Rose.

Pkt. 10c; ¼ oz. 25c; oz. 75c; ¼ lb. \$2.25

Pretty blush-pink flowers of medium size, which are superb when used as a filler in bouquets of light blue flowers.

### White Covent Garden Market, Reselected.

Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.50; 5 lbs. \$11

A new, improved, big-flowered pure white strain which is unsurpassed for form of plant and size of bloom. A very high percentage of the flowers are 6 to 8-petaled and on nice long stems. This is an unusually fine florists' strain and the plants grow 2 feet high.

### White London Market.

Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.50; 5 lbs. \$11

The pure white flowers are large, with 8 overlapping petals. The 1½ to 2-foot plants are free flowering.

## HELICHRYSUM

Strawflower. One of the best of the Everlasting Flowers. They succeed in any good garden soil, blooming throughout summer and fall. Sow the seed in May and thin plants to stand 1 foot apart. The 2½-foot plants are very free flowering with large, double, brilliantly colored blooms which make a fine display. Useful for cutting as well as for winter bouquets of Everlastings. For this, cut the flowers before the centers open; dry, hanging upside down in a cool, dark place.

### Monstrosum. Mixed.

Pkt. 10c; ¼ oz. 40c; oz. \$1.10; ¼ lb. \$3.25; lb. \$10



Gaillardia,  
Pinwheel



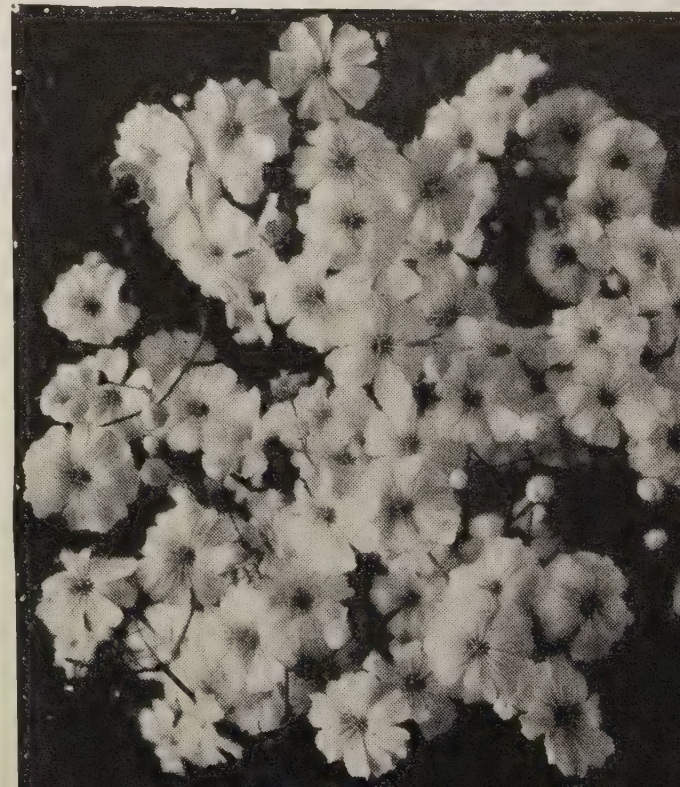
Gaillardia Lorenziana, Double



Helichrysum monstrosum  
Mixed

Gypsophila elegans, White Covent  
Garden Market, Reselected

Globe Amaranth





Lobelia, Crystal Palace

Larkspur, Giant Imperial  
White King



Hollyhock, Indian Spring



Kochia trichophylla



## HELIOTROPE

A well-known plant, highly prized for the delightful fragrance of its flowers. Seed started indoors in February or March will make nice plants for summer blooming. Fine for both pot-plants and bedding.

### Giant Hybrids, Dark Varieties.

Very large, delightfully fragrant flower-heads in dark blue-purple shades on strong plants, growing 2 feet high. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3

## HOLLYHOCK

Stately plants for garden display and for the background of perennial borders or in front of walls.

### Indian Spring.

All-America Winner. Branching 5-foot plants with lovely semi-double flowers varying in color from light rose to crimson-rose. Succeeds best in rich, well-drained soil. Start the seed indoors in February for August bloom. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1;  $\frac{1}{4}$  lb. \$3

## KOCHIA

Summer Cypress. Sow in April or May in the garden where to bloom, thinning out to allow room.

### Trichophylla.

The light green pyramidal bushes, close and compact, may be grown singly or in the form of a hedge or background and may be clipped to resemble an ornamental evergreen. In autumn the 3-foot bushes turn beautiful deep red. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2

## LANTANA

This is a showy half-hardy plant of rapid growth, fine for pot-culture in the winter or for garden beds in the summer. Start the seed indoors in February and give bottom heat. The seed is slow to germinate.

### Dwarf Bedding Hybrids.

Compact 1-foot plants, bearing miniature verbena-like flowers in white, yellow, orange, rose, and scarlet. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50

## LARKSPUR

No garden is complete without a liberal showing of this graceful, attractive double flower. It is unexcelled for cutting and with its many soft colors makes delightful beds for the garden. For early outdoor bloom start the seed about March 1 indoors in flats; these plants can be set out in the garden in late April or May, as soon as the ground is ready, and will bloom from late June on. They must be grown cool and in good, but not over-rich soil. A later sowing may be made direct in the open ground in April or May, and again in the fall for an earlier display in the following spring. Before seeding in hot weather it is best to chill the seed for several days.

### Giant Imperial.

This is a magnificent base-branching strain with sturdy, upright, compact plants, 3 to 4 feet high. The fernlike foliage is attractive and the tapering flower spikes are crowded with double florets. Each, pkt. 15c;  $\frac{1}{4}$  oz. 40c; oz. \$1.20;  $\frac{1}{4}$  lb. \$3.50; lb. \$10

**Blue Bell.** All-America Winner. Azure-blue.

**Blue Spire.** Deep Oxford blue.

**Carmine King.** Deep carmine-rose.

**Dazzler.** Rich scarlet.

**Exquisite Pink Improved.** Soft salmon-pink.

**Exquisite Rose.** Rose-pink.

**Gloria Improved.** Deep salmon-rose.

**Lilac Spire.** Lilac.

**Los Angeles Improved.** Brilliant pink on salmon.

**Miss California.** Deep rose on salmon.

**White King.** All-America Winner. Pure white.

### Giant Imperial, Special Mixed.

An especially fine mixture of the colors in this class, and each is proportioned according to its popularity. This is largely used by commercial growers of flat plants for bedding purposes. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. 90c;  $\frac{1}{4}$  lb. \$2.75; lb. \$8.50

### Double Stock-flowered, Mixed.

The fern-leaved plants are vigorous and free flowering, 3 to 4 feet high, with candelabra-like trusses of beautiful flowers ideal for cutting and for tall borders. The long stems are covered with fully double flowers. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 65c;  $\frac{1}{4}$  lb. \$2; lb. \$6

## LOBELIA

An ideal edging and pot-plant, forming small, round compact plants, covered with blooms. The seed should be planted indoors in January to produce well-flowered pot-plants for spring sale. A February or March seeding will provide plants for outdoor spring bedding to bloom from July to frost.

### Blue Gown.

The plants are of fine, compact habit, with an abundance of good-sized flowers of deep blue, without an eye. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50

### Blue Stone.

This is the finest compact Lobelia for bedding, with large, brilliant mid-blue flowers without an eye, on 4-inch plants. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50

### Crystal Palace.

An exceptionally fine variety, producing 4-inch plants with dark bronzy green foliage and dark blue flowers. Pkt. 10c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50;  $\frac{1}{4}$  lb. \$7.50

### Mrs. Clibran.

An improved, extra-fine strain with dwarf medium green plants and deep blue flowers with a contrasting white eye. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50

## LUPINUS HARTWEGI

Lupine. Easily grown annuals with dark, glossy foliage and long, graceful spikes of pea-shaped flowers in delightful colors from June to September. Sow seed in April or May in partial shade, where plants are to remain, and thin out to 15 to 18 inches apart, as they do not like transplanting.

### Giant King Hybrids, Mixed.

Pkt. 10c; 1/4 oz. 25c; oz. 75c; 1/4 lb. \$2.25; lb. \$6.75

All-America Winner. The very finest strain, with 3 1/2-foot base-branching plants, each producing 4 to 6 very long, erect spikes covered with large dark blue, sky-blue, rose, and white flowers. Like well-drained, sandy soil.

## MARIGOLDS

One of the most satisfactory and easily grown annuals, showing its decorative flowers from midsummer until late fall. Sow seed outdoors in May or indoors in March and transplant, allowing ample room for development. Caution—avoid heavy manuring, too much water, and crowding plants closely.

### LARGE-FLOWERED VARIETIES

Many improvements in Marigolds are odorless and of more interesting flower form and plant habit.

#### African Double, Mixed.

Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50; lb. \$7.50

Very large, conventional globular flowers of compact quilled petals. Orange and yellow. Height 2 1/2 feet.

#### African Super Alldouble.

Each, pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50

All flowers, without exception, are huge, perfectly formed, double quilled heads and are held erect on strong, 3-foot plants. **Super Alldouble Lemon, Super Alldouble Orange, and Super, Alldouble, Mixed.**

#### Crown of Gold.

Pkt. 15c; 1/4 oz. 25c; oz. 75c; 1/4 lb. \$2.25

All-America Winner. The crown with long, interlaced, golden orange disc petals is circled by big, broad, drooping petals of the same color. The flowers are 2 1/2 inches across on 2-foot plants.

#### Dwarf Giant, Pot o'Gold.

Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 45c; oz. \$1.25; 1/4 lb. \$3.50

The brilliant deep golden orange flowers, over 4 inches across, appear earlier than any other Marigold. The dwarf compact plants, 12 to 15 inches high, each bear a dozen or more large blooms at one time and all come 100% double.

#### Guinea Gold.

Pkt. 10c; 1/4 oz. 30c; oz. \$1; 1/4 lb. \$3; lb. \$9

All-America Winner. This is extremely popular and excellent for both cut-flowers and flat-plant sale. The very brilliant, orange, double flowers are flushed with gold and have ruffled, loosely placed petals. The flowers are 3 inches across and bloom freely on graceful pyramidal plants, 2 1/2 feet high.

#### Idabelle Firestone.

Pkt. 10c; 1/4 oz. 35c; oz. \$1; 1/4 lb. \$3

The largest reddest hybrid with full double flowers, 2 to 2 1/2 inches across, of bright red-mahogany, borne on very long stems for cutting. The 3-foot plants are vigorous and often 3 feet across.

#### Mammoth Mum.

Pkt. 25c; 1/16 oz. 65c; 1/4 oz. \$2

All-America Winner. This is the largest of the incurved Chrysanthemum-flowered Marigolds. The strong bushy, 3-foot, erect, dark-foliaged plants from August to frost bear long-stemmed, fluffy, ball-like, pale sulphur-yellow flowers of huge size, 3 1/2 to 4 inches across and 2 inches deep. These blooms, made up of countless, finely cut, incurved petals intricately intertwined, are magnificent for cutting and making a striking display.

#### Sunset Giants, Mixed.

Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50

They are loosely formed and very full centered, 5 inches across, with broad heavy petals overlapping to make a flower of great depth. They have a definite sweet fragrance and come in shades of orange and yellow in great profusion on robust plants 3 1/2 to 4 feet high.

#### Yellow Supreme.

Pkt. 10c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50; lb. \$13.50

All-America Winner. This strain has large, fluffy, well-rounded carnation-like flowers of a delicate sweet fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow color. The 2 1/2-foot plants are remarkably healthy, vigorous and branching, with foliage practically free from odor.

### MINIATURE VARIETIES

These are splendid for edgings, low borders and are particularly useful for pot-plant culture.

#### Double Spry.

Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50

All-America Winner. Very dwarf, compact 9-inch plants, 15 inches across, excellent for pots and borders. The flowers, produced most freely of all Marigolds, are 1 1/2 inches across with bright clear yellow crested centers surrounded by mahogany-red guard petals. The blooms begin in 9 weeks from seed and later cover the small plants.

#### Double Yellow Pygmy.

Pkt. 15c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50

All-America Winner. Free-flowering, dwarf, compact, 8-inch plants with small double light yellow flowers, 1 inch across. Very fine for pot culture, borders and edgings.

#### Single Legion of Honor.

Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50

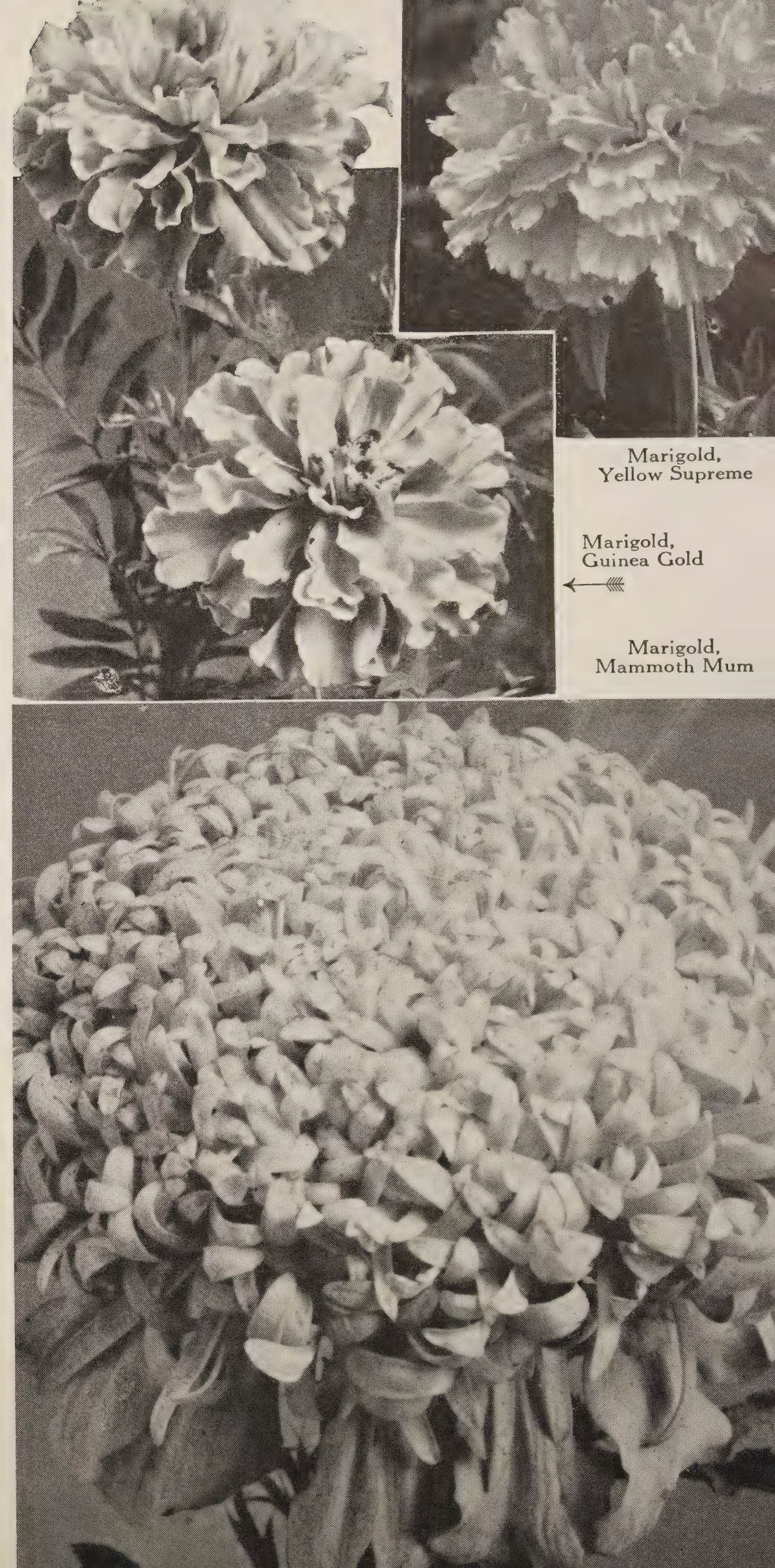
Single, golden yellow, velvety flowers, blotched with reddish brown on 9-inch plants. Often called Little Brownie.

#### Single Little Orange Giant.

Pkt. 15c; 1/4 oz. 45c; oz. \$1.40; 1/4 lb. \$4.25

Gay, single deep orange flowers on 6-inch plants, which spread 8 to 10 inches, covered with bloom up to frost.

FOR OTHER MARIGOLDS, SEE NEXT PAGE





← Marigold, Dwarf Double French  
Scarlet Glow



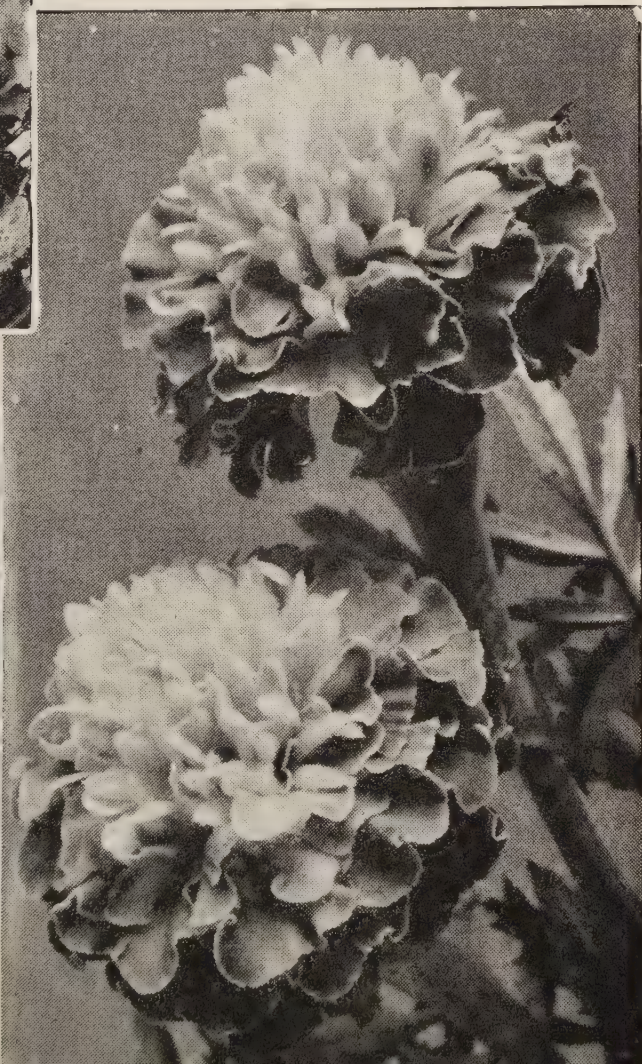
Miniature Marigold, Yellow Pygmy  
See page 25



Marigold, Miniature Spry  
See page 25



Matricaria  
Ball's Double White



Marvel of Peru  
Four O'Clock  
Dwarf Mixed

## MARIGOLDS, SMALL-FLOWERED VARIETIES

These are the varieties which make such interesting, colorful dwarf beds. They are also valuable for small pot plants and for this should be started in January and grown in a warm temperature. For flat-grown plants start the seed indoors in March, and for outdoor culture sow in the garden in May, thinning to stand 1 foot apart.

### Dwarf All-Double French.

Each, pkt. 15c; 1/4 oz. 35c; oz. \$1; 1/4 lb. \$3; lb. \$9  
A fine new early-flowering strain and bred by careful selection to produce no single flowers. The 10 to 12-inch plants are uniform and bushy, and bear a profusion of very early, all-double flowers.

**Early All-Double Harmony.** Deep orange centers with broad dark mahogany-brown guard petals.

**Early All-Double Orange Ball.** Very full-centered flowers of good size and pure deep orange.

**Early All-Double Primrose.** These are well-formed flowers of soft primrose-yellow.

**Early All-Double Royal Scot.** All-America Winner. Rich mahogany and gold in uniform stripes.

**Early All-Double Mixed.** A very superior mixture of the above and many other color combinations.

### Dwarf Double Harmony Type.

Compact, bushy, 12 to 14-inch plants. The flowers in 2 1/2 months after seeding are earlier than the old Dwarf Double French and have crested centers, flanked by broad guard petals.

### Dwarf Double Butterball.

Pkt. 20c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50  
All-America Winner. Plants 6 to 8 inches high and 2-inch flowers with crested centers of soft butter-yellow petals tipped maroon, flanked by broad, butter-yellow guard petals. Early flowering, plants fine for pots.

### Dwarf Double Harmony.

Pkt. 10c; 1/4 oz. 30c; oz. 85c; 1/4 lb. \$2.50; lb. \$7.50  
Popular favorite with deep orange crested center petals flanked by broad, dark maroon-brown guard petals.

### Dwarf Double Golden Harmony.

Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50  
In this variety both crested center petals and single row of guard petals are solid luminous golden yellow.

### Dwarf Double Sunkist.

Pkt. 15c; 1/4 oz. 50c; oz. \$1.50; 1/4 lb. \$4.50  
All-America Winner. Deep golden orange, 2-inch blooms with crested center of tubular petals flanked by broad deep orange guard petals covering 6 to 8-inch, mounded plants. Early; fine for pots and window-boxes.

### Dwarf Double Harmony Hybrids.

Pkt. 15c; 1/4 oz. 35c; oz. \$1; 1/4 lb. \$3  
A very showy bright mixture, including the above and many other combinations not available separately.

### Dwarf Double French Mixed.

Pkt. 10c; 1/4 oz. 20c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.50  
These dwarf compact plants, 12 or more inches high, have a large number of small flowers in very bright colors.

### Dwarf Double French, Scarlet Glow.

Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 45c; oz. \$1.35; 1/4 lb. \$4  
All-America Winner. Fully double flowers, 1 3/4 inches across, opening deep scarlet and aging rich tangerine, borne on dwarf, 10-inch plants, 18 inches across. The brightest red in this class with stems long enough for cutting.

## MARVEL OF PERU

**Four O'Clock.** This is an old-fashioned annual of bushy habit, and is frequently used to form a hedge. The flowers open in late afternoon. Sow seed outdoors in April in a sunny location.

### Four O'Clock, Fine Mixed.

Pkt. 10c; oz. 35c; 1/4 lb. \$1; lb. \$3  
Bushy, 2-foot plants with glossy foliage dotted with hundreds of single flowers in white, yellow, red, rose and blue.

### Four O'Clock, Dwarf Mixed.

Pkt. 10c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.75  
This is a dwarfer strain with 12 to 15-inch plants, producing flowers of bright, varied colors.

## MATRICARIA

**Feverfew.** A half-hardy perennial but best treated as an annual. Neat, small, double flowers in profusion from June to November. Splendid for beds and particularly for cutting.

### Ball's Double White Select.

Pkt. 25c; 1/8 oz. 60c; 1/8 oz. \$1; 1/4 oz. \$1.75; oz. \$5.50  
The only fully double, pure white Feverfew from seed. A profusion of small, compact, completely double flowers that hold up well in handling. Seed started indoors in January or February produces a full crop of flowers outdoors from June to November. These plants, if lifted and planted indoors in November, will provide a forced spring greenhouse crop of flowers. Height 2 feet.

## MIGNONETTE

Sow the seed outdoors in April in a half-shaded location, where, if possible, it gets the morning sun. Thin out to stand 1 foot or more apart, as they resent transplanting. Sow in July for late bloom.

### Bismarck, Extra Select.

Pkt. 10c; 1/4 oz. 30c; oz. \$1; 1/4 lb. \$3  
A mammoth-flowering strain with full spikes over 1 foot high, made up of reddish green florets.

### Old-Fashioned Sweet-Scented.

Pkt. 10c; 1/2 oz. 25c; oz. 40c  
The old-fashioned variety, with small spikes produced in large numbers. Is unusually sweet-scented. Height 1 foot.

Forbes Fine Flower Seeds are nationally known for their high quality, purity and germination

## MOONFLOWER

A rapid-growing annual climber, frequently used for covering garden houses, fences, etc. Notch the seed and soak it in warm water overnight to hasten germination. For early bloom start indoors in March, and set out in the garden when frost is past; or sow direct to the garden bed in May.

### Giant White.

Grows from 20 to 30 feet, and on dull days or at night the plants are covered with fragrant white 5-inch flowers. Pkt. 10c; ¼ oz. 15c; oz. 40c; ¼ lb. \$1.25

## MORNING-GLORY

One of the most free-flowering and rapidly growing plants for shading porches and covering trellises. Prefers poor soil. Notch the seed and soak overnight in warm water to hasten sprouting. Plant outdoors in May, or for earlier flowers start indoors in pots March 15th, and later set out in the garden.

### Cornell.

Pkt. 15c; ¼ oz. 35c; oz. \$1

The large bright carnelian-red flowers, edged pure white, appear early and cover the vigorous vines.

### Heavenly Blue, Early-flowering.

Pkt. 10c; ¼ oz. 20c; oz. 60c; ¼ lb. \$1.75

This is by far the most beautiful and most popular of all. The huge blossoms, 4 to 5 inches across, of clear sky-blue with cream-colored throats, make a marvelously beautiful contrast with the green foliage. The many-leaved plants are at times literally covered with flowers in their refreshing beauty.

### Pearly Gates.

Pkt. 20c; ⅛ oz. 30c; ¼ oz. 50c; oz. \$1.50; ¼ lb. \$4.50

All-America Winner. Huge lovely, lustrous white flowers with creamy shading down in the throat. They are 4 inches across and literally cover the fast-growing, vigorous vines from July to frost.

### Scarlett O'Hara.

Pkt. 15c; ⅛ oz. 25c; ¼ oz. 40c; oz. \$1.25; ¼ lb. \$3.75

All-America Winner. Deep rosy crimson, 4-inch flowers, freely produced in 2½ months from seed.

### Dwarf Royal Ensign.

Pkt. 15c; ¼ oz. 45c; oz. \$1.25; ¼ lb. \$3.75

Here is an unusually attractive, dwarf, bedding plant and excellent as a pot-plant. It is very compact, 6 to 8 inches high, and bears, from June to September, a succession of small Morning-Glory flowers of bright ultramarine-blue with rich golden throats. These remain open all day long.

### Dwarf Mixed.

Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25

Convolvulus Minor. Charming, small trumpets in pink and blue with irregularly starred contrasting throats. Unlike the Climbing Morning-Glory, these stay open all day long. Bloom from June to September. Ht. 1 ft.

## NASTURTIUM

These will grow on poor soils where other plants fail, including dry sand or gravel banks. They are of the easiest culture and will produce a great profusion of brightly colored flowers within a few weeks after the seed is sown, and continue up to frost. Sow outdoors in April or May. To prevent aphids from coming on the plants, scatter a few moth balls on the ground below the plants.

### Dwarf, Single Mixed.

Oz. 20c; ¼ lb. 60c; lb. \$1.75

These are the well-known singles, both plain and fancy-leaved, 1 foot high, with a great variety of color.

### Tall, Single Mixed.

Oz. 20c; ¼ lb. 60c; lb. \$1.75

This is a special blend of the finest sorts of this trailing type, which reach a height of about 5 feet.

### Dwarf, Semi-Double Gem, Mixed.

¼ oz. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25

This is a very well-balanced mixture of the above varieties, and makes a very bright, colorful border.

### Double Gleam Hybrids, Mixed.

¼ oz. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25

The large, sweet-scented flowers are uniformly double, and borne on erect, stiff stems above the large, vigorous, semi-dwarf bushes which throw out short runners. They come in a nice array of colors.

## NEMESIA

These easily raised annuals bloom from June to September if in a cool location. They dislike hot, dry weather. The compact plants bear orchid-like flowers often ¾-inch across, in splendid colors.

### Dwarf Fire King.

Pkt. 20c; ⅛ oz. 45c; ¼ oz. \$1.25; oz. \$3.75

The dwarf 8-inch plants branch freely from the base, with attractive, scarlet-crimson flowers, fine for pot culture in a 40 to 50-degree greenhouse. If started in January or February and forced but kept cool, they will be in bloom for late April or May sale. Pinching back plants once is advisable. For outdoor bloom sow the seed indoors about March 1st, and harden off plants for setting out in May.

### Dwarf Hybrids, Mixed.

Pkt. 20c; ⅛ oz. 45c; ¼ oz. \$1.25; oz. \$3.75; ¼ lb. \$11

Including carmine-red, myosotis-blue, scarlet-crimson, orange-yellow, and white.

## NEMOPHILA

Baby Blue Eyes. Fine for a ground carpet under open trees where the sun breaks through. Sow the seed where the plants are to stand, either late in the fall or early in the spring and thin out.

### Insignis, Blue.

Pkt. 10c; ¼ oz. 20c; oz. 50c

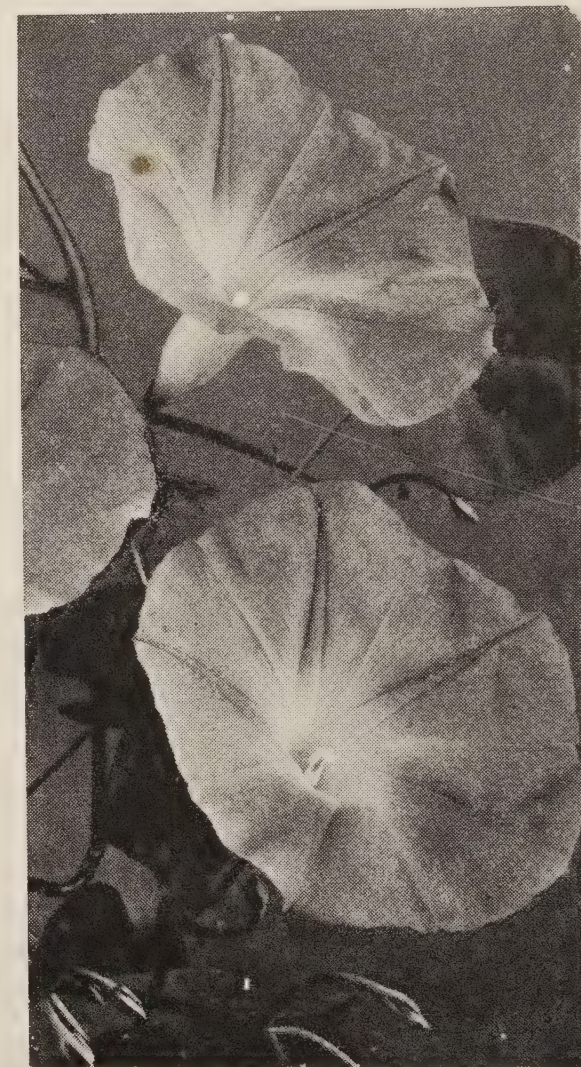
Trailing 6-inch plant, with sky-blue cup-shaped flowers in spring and summer. Likes moist, partial shade.



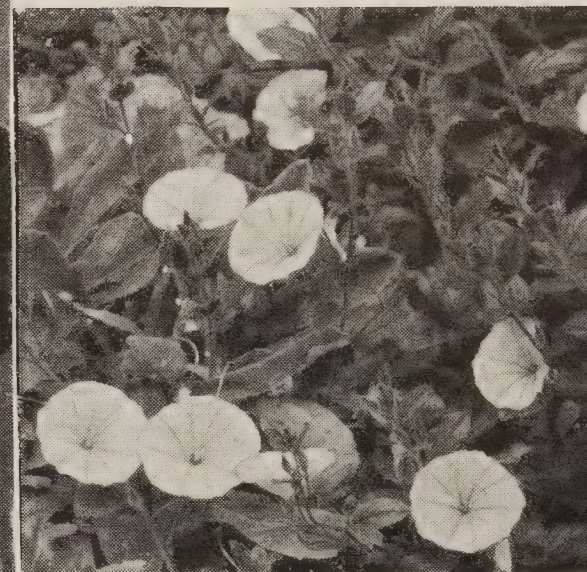
Dwarf Morning-Glory, Royal Ensign



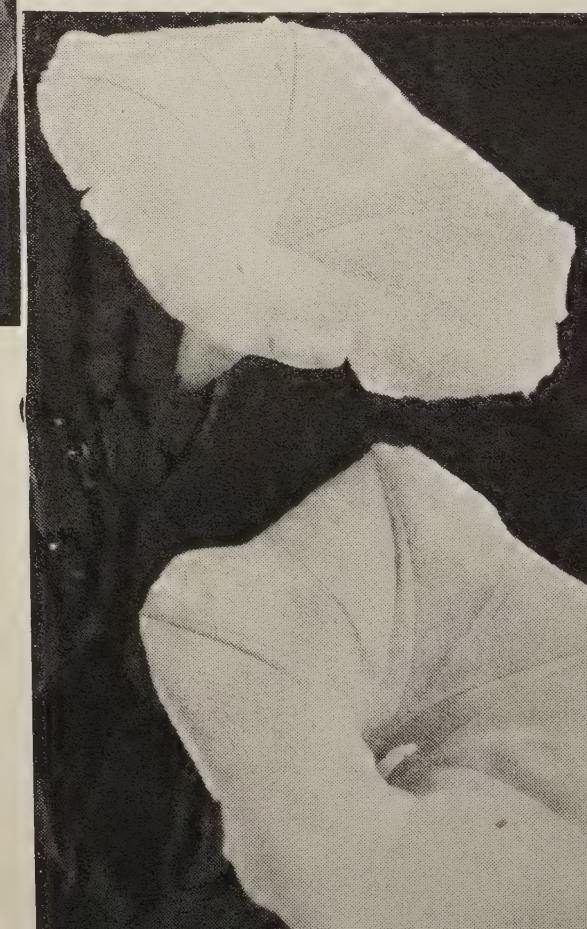
Nemophila insignis, Blue



Morning-Glory  
Heavenly Blue  
Early-flowering



Moonflower, Giant White



➡  
Morning-Glory  
Pearly Gates



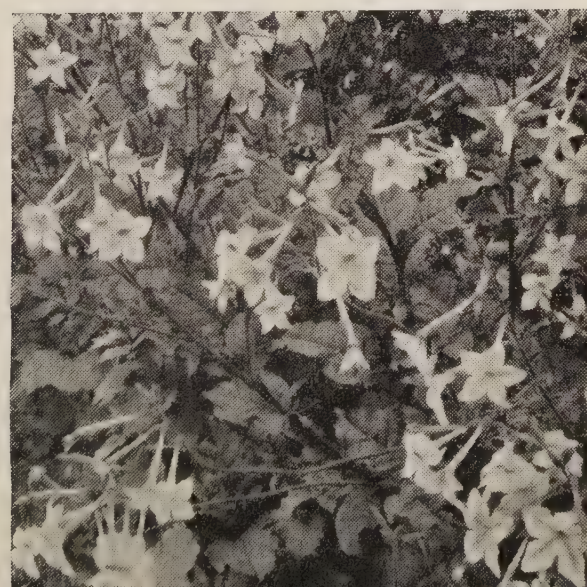
Nierembergia, Purple Robe



Pansy, Super Swiss  
Giants  
See opposite page



Nemesis, Dwarf Hybrids. See p. 27



Nicotiana affinis

## NICOTIANA

**Flowering Tobacco.** A very desirable, easily grown annual, making wonderful showy displays from June until frost. Sown outdoors in May and thinned to stand 9 inches apart, it thrives in rich soil and full sun. The flowers open toward evening, when they scent the air with delightful perfume.

### Affinis, White.

Pure white flowers, not unlike a Petunia, but with a longer tube and held in clusters on 2½ to 3-foot plants.

Pkt. 10c; ¼oz. 20c; oz. 60c; ¼lb. \$1.75

### Affinis Hybrids.

Clusters of sweet-scented trumpet flowers in shades of pink, red, blue, and pure white. Height 3 feet.

Pkt. 10c; ¼oz. 20c; oz. 60c; ¼lb. \$1.75

### Crimson Bedder.

This is a dwarf variety with clusters of bright pale crimson flowers on large-leaved plants, 15 inches high.

Pkt. 15c; ⅛oz. 35c; ¼oz. 65c; oz. \$2

## NIEREMBERGIA

**Cup Flower.** With the exception of Zinnia linearis, this will outbloom any other flower if properly grown. Fine for pot culture if started in early January, or for bedding plants if started in February.

### Hippomanica.

The dwarf, compact plants, 6 inches high and 9 inches across, are literally covered with hundreds of blooms from 15 weeks after sowing right up until frost. The foliage is light gray-green and very inconspicuous. The lavender-blue, yellow-centered, cup-shaped flowers are very attractive throughout the season. As it is a half-hardy perennial it should be cut back and protected in winter. Is fine for edgings, borders, window-boxes and rock-gardens.

Pkt. 20c; 1/128 oz. 40c; ¼oz. 75c; ½oz. \$1.25; ⅞oz. \$2.25; 1oz. \$3.75

### Purple Robe.

All-America Winner. A fine deep violet-purple resembling Hippomanica but the color does not fade even in hot summer. The 6-inch plants, 10 inches across, bloom very freely beginning 15 weeks from seed including the 3-week germinating period. Much admired as edging or rock-garden plants.

Pkt. 20c; Tr. Pkt. 55c; ¼oz. \$1; ⅞oz. \$3

## NIGELLA

**Love-in-a-Mist.** A fine annual for bedding and borders, but particularly as a cut-flower. It blooms from May to September and the seed may be sown outdoors in April.

### Miss Jekyll.

Bushy plants, 1½ feet high, with slender, mist-like foliage and clear cornflower-blue flowers on long stems.

Pkt. 10c; ¼oz. 35c; ½oz. 60c; oz. \$1

## PANSY

These are strictly biennials, but as they flower easily the first season from seed they are often started indoors in February or March to bloom outdoors from July on. Most plants are grown from seed sown in frames during July and August, transplanted later and wintered over with protection, to give full-flowering plants by the following May. If Pansy seed is sown in the garden bed in May, some beautiful flowers are produced on the plants by fall of the same year. They like a rich, loamy soil and full sun.

### America.

This is a special florists' strain and meets the demand for very large flowers in lighter, brighter colors. The plants are strong and vigorous, yet compact and stocky. The flowers, of good substance, come extra early in an attractive array of bright color combinations and variations with different markings.

Pkt. 25c; ⅞oz. 85c; 1oz. \$1.60; ¼oz. \$3; oz. \$10; ¼lb. \$35

### Dwarf Swiss Giants.

All-America Winner. This strain has dwarfer, more compact plants than the regular Swiss Giants, but the flowers are large and come in the same range of colors as the original strain. These do quite well on muck soils.

Pkt. 25c; ⅞oz. 85c; 1oz. \$1.60; ¼oz. \$3; oz. \$10; ¼lb. \$35

### Engelmann's Giant.

This strain is very vigorous growing, compact, and early flowering. It produces very huge, well-formed flowers in a great variety of shades, both dark and light, all of the blotched type. Very fine.

Pkt. 25c; ⅞oz. \$1.15; 1oz. \$2.15; ¼oz. \$4; oz. \$13.75; ¼lb. \$48

### Forbes Big Beauties.

These are enormous flowers, often 4 inches across, with perfectly round, overlapping petals, on strong stalks, above stocky, compact plants of great vigor. The wonderful array of colors includes bronze, silver, gold and copper—wine-red, pink, salmon, silver-gray, brown, Indian red, steel blue, dark blue, and a good percentage of rich yellow. The blooms are beautifully blotched, mottled and bordered.

Pkt. 25c; ⅞oz. 85c; 1oz. \$1.60; ¼oz. \$3; oz. \$10; ¼lb. \$35; lb. \$120

### Improved Swiss Giants.

The flowers of this strain are enormous, from 3 to 4 inches across, well rounded, with overlapping petals of thick, rich, velvety texture, and are held on strong stems above the luxuriant foliage. The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues—are their distinctive feature.

Pkt. 25c; ⅞oz. 70c; 1oz. \$1.30; ¼oz. \$2.40; oz. \$8.50; ¼lb. \$30

### Maple Leaf Giants.

The plants are of strong, heavy growth, with large leaves, and produce flowers of gigantic size, over 4 inches across, of perfectly round form and heavy substance. They come in many attractive colors and color combinations.

Pkt. 25c; ⅞oz. \$1; 1oz. \$1.90; ¼oz. \$3.50; oz. \$12; ¼lb. \$42.50

FOR OTHER PANSIES SEE NEXT PAGE

## PANSY, continued

### Super Swiss Giants.

Pkt. 25c;  $\frac{1}{2}$ oz. 45c;  $\frac{1}{8}$ oz. 85c;  $\frac{1}{4}$ oz. \$1.60;  $\frac{1}{4}$ oz. \$3; oz. \$10.50;  $\frac{1}{4}$ lb. \$37.50

This is a magnificent blend and far surpasses in quality and range of color any other Swiss Giant mixture. The plants are more compact and most of the flowers are beautifully frilled. They are of perfect form, with thick, velvety, rounded petals in a color range beyond belief, many 5-blotched.

### Swiss Separate Colors.

Each, pkt. 20c;  $\frac{1}{8}$ oz. 85c;  $\frac{1}{4}$ oz. \$1.60;  $\frac{1}{4}$ oz. \$3; oz. \$11;  $\frac{1}{4}$ lb. \$38.50

**Swiss Alpenglow.** Rich garnet-red with nice markings.

**Swiss Berna.** Velvety violet-blue.

**Swiss Blue Ullswater.** Wedgwood blue, dark blotch.

**Swiss Coronation Gold.** Canary flushed orange.

**Swiss Pure White.** The very finest pure white.

**Swiss Yellow Blotched** (Rhinegold). Canary-yellow.

*Tufted Pansy—see Viola Cornuta in Perennial List.*

## PENTSTEMON

**Beard Tongue.** This border plant is really a perennial, but is best treated in northern latitudes as an annual and grown the same as Verbenas or Snapdragons. Will bloom under most trying conditions and will resist drought and heat where other flowers fail. It thrives in any soil in shade or sun. Sow the seed indoors from January to March for plants to bloom in the border from July until frost.

### Sensation, Mixed.

Pkt. 20c;  $\frac{1}{8}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5

The plants are spreading and well branched, 2 feet high, each branch bearing a spike of large, Gloxinia-like flowers, 2 inches across, in pink, rose, cherry, red, lilac and purple, with white throats.

## PETUNIA

For a gorgeous display of color from early summer to frost, there is nothing to compare with the Petunia. Thriving in most soils and under varied conditions, it gives more genuine satisfaction and pleasure than any other flower. Petunias are ideal for many purposes—as bedding plants for edging; for color accents in the mixed border; for the rock-garden, window-boxes, and for pot culture. The many classes or types of this versatile flower have been improved to a high degree, and today there is no lack of ideal varieties to suit each requirement. In January or February sow the seed of pot-plant varieties indoors to have flowering plants ready for spring. For flat-grown spring bedding plants start the seed indoors in February or March. Don't over-cover the seed, and 60 to 70-degree temperature gives the best germination. Transplant the seedlings to flats of fairly stiff soil and grow cool, on the dry side, and close to the glass. This avoids soft, overgrown plants. The Balcony and Bedding varieties may also be sown in May direct to the garden bed and thinned out to stand 10 to 12 inches apart.

### BALCONY

This type has long, sprawling plants over 18 inches high, with single flowers 3 inches across. They are excellent for window-boxes and where outdoor summer conditions are most trying.

#### Balcony ★Black Prince.

Pkt. 15c;  $\frac{1}{2}$ oz. 35c;  $\frac{1}{8}$ oz. 65c;  $\frac{1}{4}$ oz. \$1.15;  $\frac{1}{4}$ oz. \$2; oz. \$6

Rich, velvety crimson-red of true balcony habit. Comes practically 100 per cent true and is finest of this color.

#### Balcony Blue.

Pkt. 15c;  $\frac{1}{8}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5;  $\frac{1}{4}$ lb. \$15

This is the most popular color of all Balcony Petunias, and produces large, attractive flowers of velvety violet-blue.

#### Balcony ★Cornflower Blue, Crimson, Rose, and ★White.

Each, pkt. 15c;  $\frac{1}{8}$ oz. 50c;  $\frac{1}{4}$ oz. \$1.50; oz. \$4.50;  $\frac{1}{4}$ lb. \$13.50

#### Balcony Formula, Mixed.

Pkt. 15c;  $\frac{1}{8}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.35; oz. \$4;  $\frac{1}{4}$ lb. \$12

This is a specially proportioned mixture which we make from the separate colors. It contains one part Black Prince, five parts Blue, two parts Cornflower Blue, two parts Crimson, four parts Rose and two parts White.

For red, white and blue patriotic planting use those above marked ★

### SINGLE BEDDING

The plants of this Hybrida class grow upright, 18 inches high, and are covered with flowers through summer and fall. They do well under adverse conditions and are splendid for large beds.

#### Blue Bee.

Pkt. 15c;  $\frac{1}{8}$ oz. 30c;  $\frac{1}{4}$ oz. 50c; oz. \$1.50;  $\frac{1}{4}$ lb. \$4.50

This is a particularly attractive color and is perhaps best described as the color of Viola, Jersey Gem.

#### Flaming Velvet.

Pkt. 15c;  $\frac{1}{8}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.25; oz. \$3.65;  $\frac{1}{4}$ lb. \$11

All-America Winner. Large flowers of velvety blood-red. Comes quite true but a few crimson-red flowers will appear.

#### Howard's Star Improved.

Pkt. 15c;  $\frac{1}{8}$ oz. 45c;  $\frac{1}{4}$ oz. 85c; oz. \$2.50;  $\frac{1}{4}$ lb. \$7.50

A very nice strain with red-purple flowers clearly starred with blush-white.

#### Radiance.

Pkt. 15c;  $\frac{1}{8}$ oz. 40c;  $\frac{1}{4}$ oz. \$1.25; oz. \$3.75

All-America Winner. Cerise-rose with just enough salmon underlay to remove all harshness. The golden-yellow-throated flowers, 2½ to 3 inches across, are produced in abundance.

FOR OTHER SINGLE BEDDING PETUNIAS, SEE OVER



Petunia  
Balcony Blue



← Petunia, Single  
Dwarf Bedding  
Velvet Ball  
See page 30

Petunia  
Single Bedding  
Radiance

Petunia  
Single Dwarf Bedding  
Cream Star  
See page 30





Petunia, Dwarf  
California Giants,  
Ramona Strain



← Petunia, Single  
Dwarf Bedding,  
Cheerful



↓ Petunia, Single  
Dwarf Bedding,  
Topaz Queen

## PETUNIA, SINGLE DWARF BEDDING

These, the most popular of all for bedding, are also known as the *Hybrida nana compacta* class. The plants are dwarf and compact, from 9 to 13 inches high, and covered with a multitude of flowers.

### Admiral, Reselected.

The most attractive of all dwarf blue bedding Petunias, having large, rich violet-blue flowers with waved edges. Pkt. 25c; Tr. Pkt. 55c;  $\frac{1}{2}$  oz. \$1.65;  $\frac{1}{8}$  oz. \$5

### Betsy Ross.

Ruffled  $2\frac{1}{2}$ -inch blooms with alternate red and white radial bands and a yellow throat; on very dwarf plants. Pkt. 15c; Tr. Pkt. 60c;  $\frac{1}{4}$  oz. \$1;  $\frac{1}{16}$  oz. \$3;  $\frac{1}{4}$  oz. \$9

### Blue Bedder.

A profusion of good-sized flowers of bright mid-blue color. The plants are medium dwarf. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3

### Celestial Rose, Improved.

This is a select strain with rich, satiny deep rose flowers on free-flowering, uniformly dwarf plants. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

### Cheerful.

All-America Winner. A new color in dwarf bedding Petunias—clear salmon-pink with a satiny sheen and deeper rose veining toward the throat. The  $2\frac{1}{2}$ -inch blooms are produced in great abundance from May right up to frost, on plants which first grow low, spreading close to the ground and later form dense compact mounds, 10 to 12 inches high and 2 feet across. Cheerful is unsurpassed for borders. Pkt. 25c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{16}$  oz. \$2;  $\frac{1}{4}$  oz. \$6

### Cream Star.

All-America Winner. Five-pointed, star-shaped flowers,  $2\frac{1}{2}$  inches across, of rich cream deepening to a golden yellow throat, produced in great abundance on very compact plants. Pkt. 20c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{4}$  oz. \$1.50; oz. \$4.50

### Dwarf Howard's Star.

An exceptionally fine strain with dwarf, uniform plants and red-purple flowers starred with white. Crop failed.

### Glow.

All-America Winner. A striking, glowing carmine-rose with distinct white throat and a much stronger color than Celestial Rose. The plants are of extra-strong growth but of dwarf habit. Sold out.

### Heavenly Blue, Selected.

This is a very fine strain and comes true to color. Good-sized flowers of medium to light, clear silver-blue. Pkt. 15c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{4}$  oz. \$1.50; oz. \$4.50

### King Henry.

A very dwarf, compact plant with small, rich velvety blood-red flowers. Fine for low beds. Pkt. 25c;  $\frac{1}{128}$  oz. 40c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{16}$  oz. \$2;  $\frac{1}{4}$  oz. \$6

### Martha Washington.

All-America Winner. Frilled 3-inch, blush-pink flowers, veined wine-red with dark violet throats; tiny plants. Pkt. 20c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{16}$  oz. \$2;  $\frac{1}{4}$  oz. \$6

### Rose of Heaven, Dwarf Selected.

A well-known standard rose-pink variety for bedding, on dwarf, compact plants. Pkt. 15c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

### Rosy Morn Improved.

Bright rosy pink flowers with white throat. The plants are dwarf and compact and very uniform. Sold out.

### Salmon Supreme.

All-America Winner. An appealing, definite salmon-pink on exceptionally uniform, dwarf plants. Pkt. 20c;  $\frac{1}{4}$  oz. 55c;  $\frac{1}{16}$  oz. \$1.65;  $\frac{1}{4}$  oz. \$5

### Snow Queen.

This is a beautiful pure white strain with fairly dwarf, uniform, free-flowering plants. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 65c; oz. \$2;  $\frac{1}{4}$  lb. \$6

### Topaz Queen.

This is a new variety that is exceptionally fine for plantings in full blazing sun, as its brilliance does not fade. The color—perhaps brightest of all—is glowing carmine-rose with a distinct orange-scarlet overtone. It is deeper and richer than Celestial Rose. The plants are dwarf, compact, and covered with bloom right up to frost. Topaz Queen makes a very brilliant show in beds or borders. Pkt. 15c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

### Velvet Ball.

All-America Winner. Dwarf, compact plants covered with velvety deep blood-red  $2\frac{1}{2}$  inch flowers. Pkt. 25c;  $\frac{1}{128}$  oz. 40c;  $\frac{1}{4}$  oz. 65c;  $\frac{1}{2}$  oz. \$1.15;  $\frac{1}{16}$  oz. \$2;  $\frac{1}{8}$  oz. \$3.50;  $\frac{1}{4}$  oz. \$6; oz. \$18

### Violacea.

A deservedly popular variety with deep violet blooms on dwarf, uniform plants. Comes very true to color. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

### Single Compact Bedding, Dwarf Mixed.

An excellent mixture with a very well-balanced color range. This is popular with flat-plant growers. Seed crop very short. Pkts. only, 10c each.

## DWARF CALIFORNIA GIANTS, RAMONA STRAIN

A superb strain of single Petunias unexcelled for pot-culture. The dwarf, sturdy plants, in 3 or 4-inch pots, will bloom when only 6 inches high. The beautifully ruffled and fringed flowers, often over 5 inches across, with open, well-marked throats, are produced freely.

### Mixtures below.

Each, pkt. 50c; Tr. Pkt. \$1;  $\frac{1}{4}$  oz. \$1.75;  $\frac{1}{2}$  oz. \$2.75;  $\frac{1}{16}$  oz. \$5;  $\frac{1}{8}$  oz. \$9;  $\frac{1}{4}$  oz. \$15; oz. \$45  
In 2 mixtures: **Dark Shades Mixed**; and **Dark and Light Shades Mixed**.

## PETUNIA, LARGE SINGLE PLAIN-EDGED

Also called Ruffled Grandifloras, these produce large, plain-edged flowers, 3 to 4 inches across, and some are waved. Those best suited for pot culture are so described.

### Burgundy.

All-America Winner. Large, 3½-inch flowers in velvety Burgundy wine-red with light throat, veined violet. Sold out

### Dwarf Elk's Pride.

Pkt. 25c; Tr. Pkt. 60c; ¼oz. \$1; ½oz. \$1.75; ¾oz. \$3; 1oz. \$5.50; 1¼oz. \$10

A very superior strain for pot culture. The plants are real dwarf with flowers larger and a richer violet-blue than any other strain. The flowers come very true to color.

### Dwarf Pink Glory.

Pkt. 25c; Tr. Pkt. 65c; ¼oz. \$1.15; ½oz. \$2; ¾oz. \$3.50; 1oz. \$6; 1¼oz. \$11

A very excellent strain with extra-large, pure flame rose-pink flowers on nice, compact plants. Unexcelled for pot culture. This is much better than the regular strain of Pink Glory.

### Snowstorm.

Pkt. 20c; Tr. Pkt. 50c; 1/128oz. 90c; ¼oz. \$1.65; ½oz. \$2.90; ¾oz. \$5; 1oz. \$8.75; 1¼oz. \$15

Pure white ruffled flowers, 3 to 4 inches across, with soft yellow throat shadings. The plants are extremely uniform, dwarf and compact and fine for pot culture. A beautiful variety.

### White Cloud.

Pkt. 25c; Tr. Pkt. 60c; ¼oz. \$1.10; ½oz. \$3.50; ¾oz. \$6

This is well liked for pot culture because of its dwarf, compact growth and nicely ruffled, pure white, large flowers.

## LARGE SINGLE DWARF FRINGED

These, called Dwarf Erfurts, while not as robust as the Large Single Fringed, make uniformly compact growth and bear beautifully fringed, large single flowers. They make extra-fine pot plants.

### Gaiety.

Pkt. 25c; Tr. Pkt. 60c; ¼oz. \$1.75; ½oz. \$3

Compact, bushy 10-inch plants, with large, daintily fringed flowers irregularly colored rose-pink and white.

### Setting Sun.

Pkt. 25c; Tr. Pkt. 50c; ¼oz. \$1.50; ½oz. \$2.65; ¾oz. \$4.50

The most popular, with elegantly fringed, brilliant rose-pink 3-inch flowers, on compact plants, fine for potting.

### Large Single Dwarf Fringed, Mixed.

Pkt. 25c; Tr. Pkt. 50c; ¼oz. \$1.50; ½oz. \$2.65; ¾oz. \$4.50

Contains all the beautiful colors in this class, and is very popular with growers of pot plants.

## LARGE SINGLE FRINGED

While these Grandifloras are not as good generally for pot culture as the Large Single Dwarf Fringed class, those of more dwarf compact habit are commonly grown in pots, the others are fine for bedding where conditions are favorable. The flowers are from 3 to 4 inches across and beautifully fringed.

### Golden Jubilee.

Pkt. 25c; 1/256oz. 60c; ¼oz. \$1.50; ½oz. \$2.75

A particularly choice variety for pot culture. The plants are uniformly dwarf, compact and free flowering. The flowers, 3½ inches across, are finely fringed, of bright carmine-rose, with golden throat.

### Royal Purple (Marine).

Pkt. 25c; 1/128oz. 75c; ¼oz. \$1.40; ½oz. \$2.50

Very large fringed, velvety deep violet-purple flowers. The best of all in this color.

### Theodosia.

Pkt. 25c; 1/128oz. 70c; ¼oz. \$1.25; ½oz. \$2.25

Nicely fringed, large rosy pink flowers with clear golden throat veined deep purple. Well suited for bedding.

### White Beauty.

Pkt. 25c; 1/128oz. 70c; ¼oz. \$1.25; ½oz. \$2.25; ¾oz. \$4.25

Strong-growing plants suited for bedding. Very attractive, finely fringed, pure white flowers.

### Fluffy Ruffles, Mixed.

Pkt. 25c; 1/128oz. 50c; ½oz. \$1.35; ¾oz. \$2.50; 1oz. \$4.85

A delightful mixture of delicate light shades containing many tints and combinations not to be found in the separate varieties. The medium dwarf, free-flowering plants are specially suited for bedding because of their strong growth. The large flowers are finely fringed and heavily ruffled.

## SINGLE RUFFLED GIANTS

This class bears the largest flowers of all, from 5 to 7 inches across, with open veined throats. The plants, while strong growing, are of fairly dwarf habit. Whether desired for bedding, cutting or pot plants, the following are the finest varieties. If grown on the dry side in 3 to 4-inch pots, they will come to bloom while the plants are still quite dwarf.

### Prince of Wuertemberg.

Pkt. 35c; Tr. Pkt. 60c; ¼oz. \$1.75

Huge ruffled dark crimson-rose flowers with a black throat. Comes almost 100 per cent true to color.

### Ruffled Monsters, Mixed.

Pkt. 35c; Tr. Pkt. 75c; ¼oz. \$1.35; ½oz. \$2.35; ¾oz. \$4; 1oz. \$7; 1¼oz. \$12

These are half-dwarf plants of erect robust habit. The flowers are large and ruffled with open, shallow throats, with a predominance of the desirable red and dark shades, richly marked and veined.

### Supreme Florist Strain of Giants of California.

Pkt. 50c; Tr. Pkt. \$1; ¼oz. \$1.50; ½oz. \$2.50; ¾oz. \$4.50

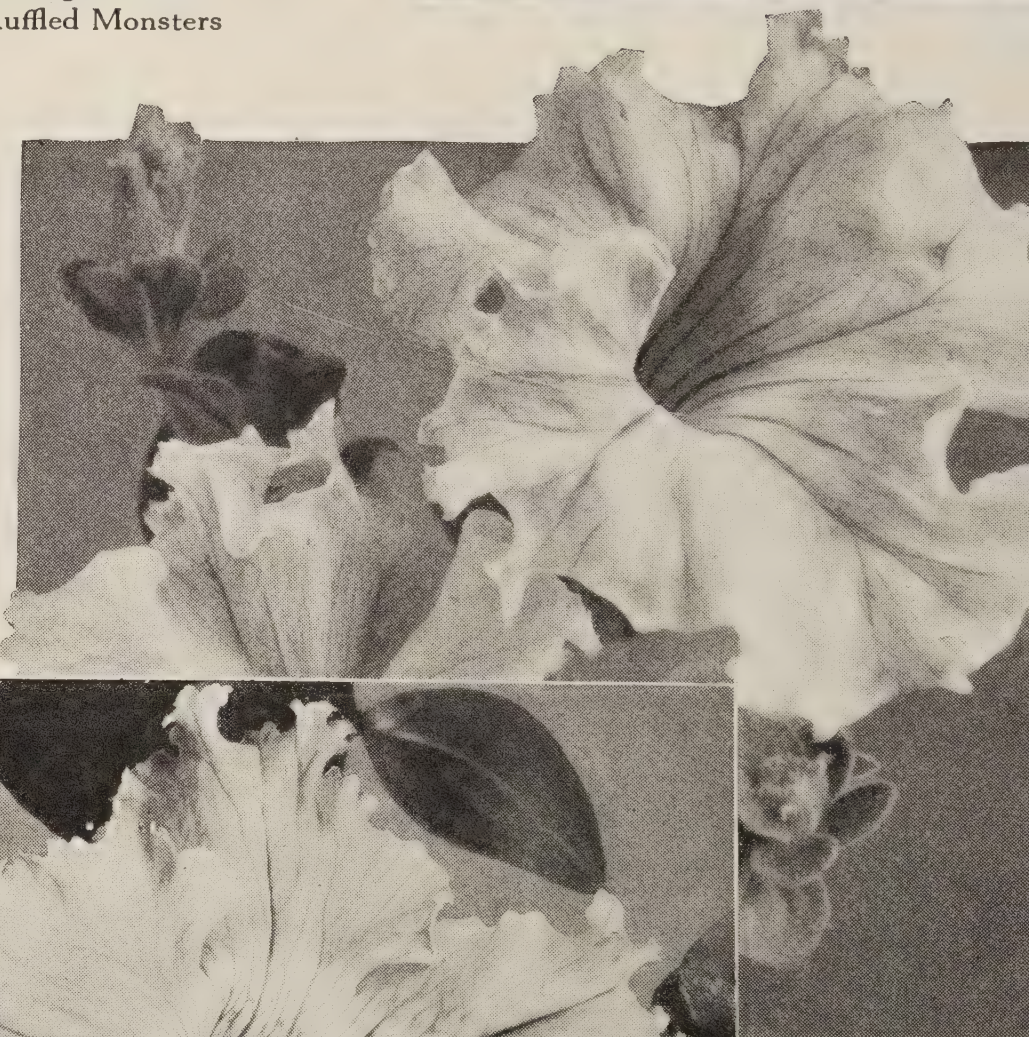
A remarkably fine strain of huge, heavily ruffled flowers, 5 to 7 inches across, with shallow open throats, in beautiful shades of pink, rose and salmon-rose, all with light, richly veined throats. When pot grown on the dry side, the first flowers are produced when the plants are only 6 inches high. The strong growing, free-flowering plants reach a height of 20 to 24 inches by the end of summer.

FOR DOUBLE GIANT FRINGED PETUNIAS, SEE OVER

Petunia, Single Ruffled Giant,  
Supreme Florist Strain of Giants  
of California



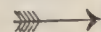
Petunia, Single Ruffled Giant,  
Ruffled Monsters



Petunia, Large  
Single Fringed,  
Fluffy Ruffles

Petunia, Large  
Single Fringed,  
Theodosia

Poppy,  
Single Shirley  
Improved, Mixed



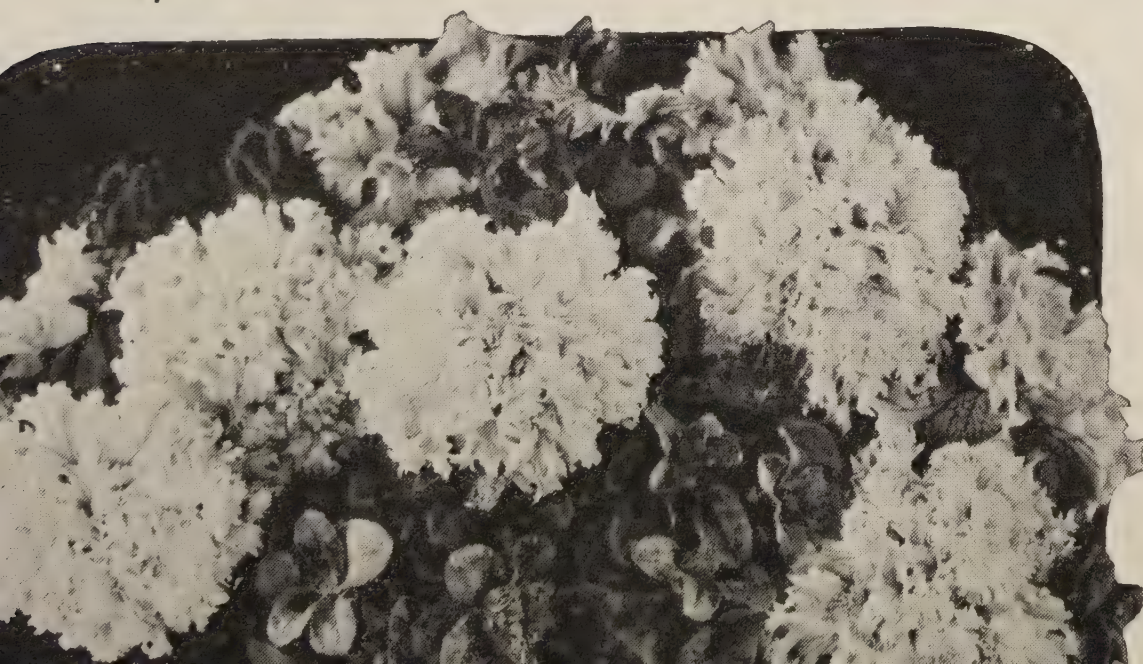
Phlox Drummondii,  
Large-Flowering Half-Dwarf



Portulaca,  
Large-flowering  
Double, Mixed



Petunia, Super-Giant Double Fringed, Mixed



## PETUNIA, DOUBLE GIANT FRINGED

This is the very finest California-grown double fringed strain available. The giant fringed double flowers are often 5 inches across and exquisitely ruffled and fringed. They come in a wonderful array of brilliant and fancy colorings from white, heliotrope, salmon-shrimp-pink, and rose-pink to copper red, crimson, and variegated. For pot culture a December sowing, grown cool, will make the best 4 to 5-inch plants by May, but a January or February sowing will produce good 3 to 4-inch plants by May.

**Super-Giant Double Fringed, Mixed.** Pkt. 50c; 1000 seeds \$1.50; 1/128 oz. \$2.50; 1/4 oz. \$4.50; 1/2 oz. \$8; 1 lb. \$15  
Produces a high percentage of double flowers in a magnificent color-range.

## PHACELIA

California Bluebell. Effective for edgings and pot-plants. Blooms early, lasting all summer.

Pkt. 10c; 1/4 oz. 25c; oz. 75c; 1/4 lb. \$2.25

### Campanularia.

The neat plants, 9 inches high, are literally covered at times with gentian-blue, cup-shaped flowers with white anthers.

## PHLOX DRUMMONDI

This is one of the most brilliant and most satisfactory of all annuals, thriving in full sun and blooming through summer to frost. If sown in the open ground in May you will have a riot of color in July. Avoid overwatering, as this increases the plant height, especially if the plants stand too close together.

### Gigantea Art Shades.

All-America Winner. A wonderful new annual strain with 9-inch plants literally covered with enormous flower-heads with florets 1 1/4 inches across. These come in soft pastel shades in a most beautiful color mixture.

### Gigantea, Red Glory.

Very large flower-heads with the 1 1/4-inch florets of this improved Gigantea strain. These are brilliant red with a large creamy eye, the contrast making the red appear even more intense. Excellent for border accents.

### Large-flowering Half-Dwarf, Mixed.

The plants grow about 1 foot high, each flower stem crowned with an umbel of 10 to 20 large, brilliant florets.

### Large-flowering Very Dwarf.

This strain resembles the Half-Dwarf strain in large size of blooms, but the plants are dwarfer, growing only 6 inches high, and are much better for dwarf beds of solid colors.

### Fiery Scarlet and Mixed.

Not available.

## POPPY

These are greatly admired for their grace and delicacy and their brilliant colors. Sow the seed outdoors in the fall or at intervals in April and May, to provide a succession of flowers. Thin the plants to stand about 1 foot apart. Poppies dislike transplanting, and prefer a sandy loam.

### Double Shirley Hybrids, Mixed.

Double and semi-double blooms in an almost endless variety of attractive colors. Many of the flowers are beautifully shaded with a second tint which adds to their charm. Strong plants grow to a height of 2 feet.

### Single Shirley Improved, Mixed.

Large silky-petalled flowers in rose, salmon, apricot, pink, crimson and red, etc., many of the flowers beautifully flaked and edged with white; on 2-foot plants with finely cut foliage.

## PORTULACA

Moss Rose. Sun Plant. This, unrivalled for brilliancy, forms a dense, thick carpet 6 inches high. It must have a sunny location and prefers light, sandy soil. Sow the seed in the garden in late May or early June after hot weather sets in, and thin out to 6 inches apart. Effective for rock-gardens.

### Large-flowering Double, Mixed.

This is a great specialty with us for its high percentage of double flowers. The lowest we have ever found, by actual count, is 85% double. The flowers are very full-petalled, of large size, and produced in great numbers above the attractive, deep green, dwarf foliage. The mixture includes carmine, pink, rose, salmon, scarlet, sulphur, white, yellow and striped red.

### Large-flowering Single, Mixed.

Glossy cup-shaped single flowers, 1 inch across, in profusion on dwarf, light green needle-leaved foliage. A wonderful array of bright, attractive colorings. This is splendid for covering large unsightly sand or soil banks.

## RICINUS

Castor Oil Bean. Showy foliage plant which if planted thickly makes a screen; as a specimen it forms pyramids of gigantic leaves. Sow outdoors in May in rich soil and give plenty of water.

### Zanzibarensis, Mixed.

Very tall, stately plants, 12 to 14 feet high, with enormous lobed leaves varying from light green to purplish red.

## RUDBECKIA

**Cone Flower.** These are easily grown and bloom profusely in summer and fall, providing excellent cut-flowers. Stand hot, dry locations and are particularly bright and colorful in the border.

### Starlight.

All-America Winner. A new form with large semi-double and double flowers, 2 to 3 inches across on very long straight stems. Ideal for cutting and blooms profusely. The colors range from primrose to mahogany and bicolors with mahogany centers. The plants grow very quickly from seed sown outdoors.

Pkt. 25c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{4}$  oz. \$2; oz. \$6

## SALPIGLOSSIS

**Painted Tongue.** An attractive flower which likes a light, rich, sandy loam. Sow seed outdoors in April or May where the plants are to remain, and thin to stand at least a foot apart. If earlier blooms are required, start the seed indoors in February in pots, as it does not like transplanting. Blooms from midsummer until frost, if in a sunny position.

### Candelabra, Mixed.

These branching, showy, 2½-foot plants bear beautiful, funnel-shaped flowers with dark veins, on a ground which varies from white to crimson, yellow, orange, blue and orchid. They are splendid for cutting.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. 90c;  $\frac{1}{4}$  lb. \$2.75

## SALVIA

**Sage.** With the early-flowering varieties you can have vivid beds from July to frost. For flat-grown spring bedding plants start the seed in February or March, giving bottom heat to help germination, and water sparingly. The seed, particularly of earlier varieties, can be sown outdoors in May. The dwarf ones make nice pot plants for spring if started indoors in January.

### America.

Globe of Fire. When in full bloom the plants are 20 inches high and covered with masses of brilliant scarlet blooms. This strain is very uniform in growth and very popular for flat-grown plant sale.

Pkt. 20c;  $\frac{1}{8}$  oz. 65c;  $\frac{1}{4}$  oz. \$1.25; oz. \$4.50;  $\frac{1}{4}$  lb. \$16; lb. \$60

### Bonfire.

Clara Bedman. This is a full-flowered variety with very compact oval bushes and long spikes of brilliant scarlet flowers. It makes a gorgeous massed bed, as the plants grow very evenly. Height 2 feet.

Pkt. 20c;  $\frac{1}{8}$  oz. 65c;  $\frac{1}{4}$  oz. \$1.25; oz. \$4.50;  $\frac{1}{4}$  lb. \$16; lb. \$60

### Farinacea, Blue Bedder.

A sturdy, compact plant, 2½ to 3 feet high, with long graceful stems of deep lavender-blue flowers. Is useful for cutting and very striking in mass plantings. When grown as a background for pink Petunias it is very effective.

Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

### Farinacea, Royal Blue.

An improved strain with nice long, deep blue flower spikes on fine bushy plants, uniformly 3 feet high, and with powdery gray foliage. They are very effective when planted in masses and nice for cutting. Make a splendid contrast with pink Petunias. Really a perennial but in our latitude must be treated as an annual.

Pkt. 15c;  $\frac{1}{16}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.75; oz. \$5.25

### Splendens.

Scarlet Sage. The most popular of all, carrying long, flaming bright scarlet flower spikes which make a fine display right up until frost. The plants are taller, reaching 3 feet when well grown. This is a specially selected strain.

Crop failure.

### Zurich.

The earliest of the older varieties, of dwarf, bushy growth, 16 inches high, with heavy, full, bright scarlet spikes.

Crop failure.

## SANVITALIA

**Creeping Zinnia.** Suitable for beds, edgings and rock-garden, the plants are prostrate and creep over the soil. From April or May sown seed, they bloom from June or July until frost.

### Procumbens, Double Yellow.

A trailing mass of small, yellow double flowers with purple centers, like miniature Zinnias. Likes light sunny soil.

Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c; oz. \$1.25

## SCABIOSA

**Pincushion Flower.** A very popular annual, blooming from early summer until frost, in a wide range of beautiful colors. Sow outdoors in April or May where the plants are to bloom, thinning to stand at least 15 inches apart. For earlier flowers start the seed indoors in March. Water very sparingly and transplant to the garden in May. For hardy varieties see Perennial List.

### Imperial Giant, Blue Moon.

All-America Winner. A distinct new type with very large flower heads over 2½ inches across, of deep lavender-blue, formed entirely of broad, heavy, wavy petals, without the usual pincushion center. Very upright, 3½-foot plants.

Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1;  $\frac{1}{4}$  lb. \$3

### Super Giants, Mixed.

This is the very finest annual Scabiosa strain available with very vigorous free-flowering 3-foot plants producing a great many flowers of giant size and particularly beautiful refined shades of color.

Pkt. 15c;  $\frac{1}{4}$  oz. 35c; oz. \$1;  $\frac{1}{4}$  lb. \$3; lb. \$9

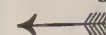
### Tom Thumb, Mixed.

Remarkable for its dwarf plants 8 inches high and 12 inches across, with an abundance of double, medium-sized flowers all summer. Splendid for bedding, edging and rock-gardens.

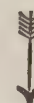
Pkt. 10c;  $\frac{1}{4}$  oz. 40c; oz. \$1.20;  $\frac{1}{4}$  lb. \$3.50; lb. \$10.50



Rudbeckia,  
Starlight



Salvia farinacea,  
Blue Bedder



Scabiosa,  
Super Giant



Salvia. Bonfire



## SCHIZANTHUS

**Butterfly Flower.** A very pretty, hardy annual which grows easily in any good garden soil. Beautiful, bushy plants with finely lacinated foliage, covered with dainty flowers handsomely marked with contrasting colors, somewhat resembling some species of orchids. Sow in the open border in May and thin to stand over a foot apart. They will flower in late summer in cool latitudes.

### Dwarf Masterpiece.

This is the finest strain of all for pot culture. The dwarf, compact plants form pyramids 6 to 8 inches high, and are very free flowering. The plants are of good size and come in a varied well-balanced color assortment, including the darker and brighter colors. Schizanthus is excellent as a cool temperature plant. A January sowing indoors will make fine 3-inch plants for spring. A late summer or fall sowing, grown in a 45-degree greenhouse, will make 5 to 6-inch pot flowering specimens by February. Used for summer bedding, where the summers are cool.

Pkt. 20c;  $\frac{1}{8}$ oz. 35c;  $\frac{1}{4}$ oz. \$1;  $\frac{1}{2}$ oz. \$3

## SNAPDRAGON

**Antirrhinum.** These are among the aristocrats of the garden and are useful in unlimited degree, being fine for both bedding and cutting purposes. The stately, graceful flower spikes, many to each plant, come in the most pleasing shades and in three height classes. In good soil they flower continually from July to frost and should be cut promptly when faded. Sow the seed outdoors in May, thinning plants to allow ample room for development, but it is better to start the seed indoors in February or March, sowing the seed thinly in flats of soil topped with a thin layer of sand or finely sifted coal ash. Keep moderately moist in a fairly warm place until growth appears. After that give air and light, but not direct sunlight. Water carefully, keeping moist but not wet. To prevent damping off use Semesan. Set plants in the border in May, the tall varieties at least 1 foot apart and the dwarfs 9 inches.

### RUST-RESISTANT STRAINS

The development of these new rust-resistant Snapdragons is one of the greatest recent accomplishments. It is now possible to grow perfect Snaps where you previously failed due to rust infection. Rust-resistant seed germinates better, the plants are more vigorous, the foliage clean and the flowering season prolonged.

#### Rustproof Rosalie (majus grandiflorum).

Pkt. 15c;  $\frac{1}{8}$ oz. 60c;  $\frac{1}{4}$ oz. \$1; oz. \$3;  $\frac{1}{4}$ lb. \$9

**All-America Winner.** One of the most popular summer Snapdragon for outdoor culture. The large flowers are a beautiful rich deep rose on nice stems for cutting. Height 30 inches.

#### Rustproof Super Giants.

Each, pkt. 15c;  $\frac{1}{16}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.25; oz. \$3.75;  $\frac{1}{4}$ lb. \$11.25

These are the finest of the tall strains. The plants, each bearing many spikes closely set with giant blooms of perfect form, grow to a height of 3 feet. They are superb for outdoor borders and very popular for cut-flowers.

**Alaska** (Snowflake). White.

**Apple Blossom.** Rose-pink, white tube.

**Campfire.** Scarlet, dark foliage.

**Canary Bird.** Canary-yellow.

**Copper King.** Bronzy copper.

**Crimson.** Dark foliage.

**Daffodil.** Two-tone Daffodil-yellow.

**Indian Summer.** Coppery orange-scarlet.

**Loveliness.** Rose-pink.

**Pink Sensation.** Pink.

**Swing Time.** Rose-pink, white tube.

**Yellow Giant.** Yellow.

#### Rustproof Super Giants, Mixed.

Pkt. 15c;  $\frac{1}{8}$ oz. 65c;  $\frac{1}{4}$ oz. \$1.25; oz. \$3.75;  $\frac{1}{4}$ lb. \$11.25

This is a splendid mixture of the above and additional colors, and is very well balanced. The flowers are of enormous size and well placed in magnificent spikes. The plants are robust and free-flowering.

#### Rustproof Super Majestic Half-Dwarf Mixed.

Pkt. 15c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3;  $\frac{1}{4}$ lb. \$9

The finest half-dwarf strain with individual flowers of huge size on nicely tapered, immense spikes.

The very full plants are base branching, 16 to 20 inches high, and are as fine for cutting as for garden.

#### Rustproof Half-Dwarf.

Each, pkt. 15c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3

For many years this class has been a universal favorite, and will become even more popular with this rust-resistant strain. The plants grow about 18 inches high and produce large flowers on stems long enough for cutting. The bushy plants bloom continuously through summer and fall, and are superb for garden display.

**Amber and Gold.** A very popular color combination.

**Carmine Rose.** A bright clear shade of this color.

**DuBarry.** Striking flaming salmon-rose.

**Garnet.** Fine flowers in rich velvety crimson.

**Glowing Sunset.** Large flowers of rosy scarlet.

**Indian Girl.** A rich shade of old gold.

**Red Rocket.** A glorious bright red.

**Wildfire.** Bright orange-scarlet of great brilliance.

#### Rustproof Half-Dwarf, Mixed.

Pkt. 10c;  $\frac{1}{8}$ oz. 60c;  $\frac{1}{4}$ oz. \$1; oz. \$3;  $\frac{1}{4}$ lb. \$9

This contains the above varieties and many other colors. It is a very popular mixture for flat-grown plants.

### REGULAR STRAINS

These are not rustproof and are useful where there has been no difficulty with rust in growing Snapdragons.

#### Regular Half-Dwarf, Black Prince.

Pkt. 15c;  $\frac{1}{16}$ oz. 50c;  $\frac{1}{4}$ oz. \$1.50; oz. \$4.50

Not rustproof but outstanding for its dark black-crimson flower and dark stem and foliage. Height 20 inches.

#### Tom Thumb, Mixed.

Pkt. 15c;  $\frac{1}{16}$ oz. 35c;  $\frac{1}{4}$ oz. \$1; oz. \$3

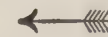
These are not rustproof. Start the seed indoors in February and grow them in a 50-degree temperature. If you shift and pinch the plants a few times, by the middle of May they will develop into heavy 2-inch pot plants with six or more flower spikes. Because of their 6-inch height they are admirable for rock-gardens.

## STAR OF TEXAS

An easily grown annual. The single daisy flowers, 1½ inches across, have long-pointed, light canary-yellow petals with paler centers. The thin strong stems are not long but good for cutting. The very vigorous, branching plants, 18 inches high and often 18 inches across, bloom very freely and are quite hardy. Sow in open ground in early spring in dry sunny location. Fine planted with Tahoka Daisy.

Pkt. 15c; ⅓oz. 40c; ¼oz. 65c; oz. \$2

Stocks, Improved  
Giant Bismarck



## STATICE

Sea Lavender. Cloud-like masses of small flowers which make gay borders and are extremely useful for mixing through bouquets of cut-flowers. Their delicate coloring and light graceful habit adapt them for dried winter bouquets. Sow in the open ground in May, barely covering the seed, and have plants stand 1 foot or more apart to allow development. For earlier flowers start the seed indoors in March and transplant in May, to a sunny, well-drained location. Seed is of slow germination.

### Bonduelli.

Pkt. 10c; oz. 35c; ¼lb. \$1; lb. \$3

Like Sinuata, with yellow flower clusters at the stem ends above a rosette of deeply cut leaves. Ht. 2½ ft.

### Sinuata.

Each, pkt. 10c; oz. 35c; ¼lb. \$1; lb. \$3

Many-branched 18-inch plants with attractive flowers in clusters at the end of each branch. The colors we offer are the most intense available. **Deep Blue** and **Mixed**.

## STOCKS

Gilliflower. This much-beloved flower comes in charming colors and has delightful fragrance. Seed strains are bred to produce the prized double flowers, but a number of singles will appear. Stocks are ideal for bedding and cut-flower borders where the summers are not too hot. They require a light, rich soil, but avoid fresh manure. In warm latitudes it is best to plant them in a shady location. For outside culture start the seed indoors in February and set the plants out, to stand 1 foot apart, in April to bloom in June. Be sure to provide shade after transplanting, until established.

### Improved Giant Bismarck, Mixed.

Pkt. 15c; ⅓oz. 35c; ¼oz. \$1; oz. \$3; ¼lb. \$9

Also called Early Giant Imperial, this is the best for both inside and outdoor culture. The 2½-foot plants have robust, pyramidal form, with long-stemmed, large spikes of double very early flowers. For cut-flowers in a greenhouse below 50 degrees, space the plants 6 inches apart each way. When 8 inches high remove the top third of the plant to increase and lengthen the side branches and so produce more flowers. Yields a high percentage of doubles.

### Large-Flowering Dwarf 10 Weeks.

Each, pkt. 15c; ⅓oz. 30c; ¼oz. 50c; oz. \$1.60; ¼lb. \$5; lb. \$16

While not as nice for cutting, these 12-inch plants of dwarf, compact, pyramidal growth, are excellent for pot-culture and bedding. If started indoors in March and set out when safe, they provide many double flowers in less than 10 weeks from seeding. **Blood-Red** and **Mixed**.

### Fine Mixed for Open Ground.

Pkt. 10c; ¼oz. 45c; oz. \$1.35; ¼lb. \$4

A shorter flowered strain on 1-foot plants specially adapted for outdoor culture. Seed started in March will provide admirable beds with a good percentage of double flowers.

## SWEET PEAS

The range of beautiful color combinations, the sheer beauty of the flower form and the gracefulness of the stems and tendrils, make this one of the most popular annual flowers. Height 5 to 7 feet.

### Giant Spencer Mixture.

Pkt. 10c; oz. 25c; ¼lb. 65c; lb. \$2; 5 lbs. \$8.50

The varieties in this mixture have been selected to afford unusual richness and brilliancy of color. It contains the finest named sorts in well-balanced proportions.

### Early-flowering Mixture.

Pkt. 10c; oz. 45c; ¼lb. \$1.35; lb. \$4

This is the finest blend, giving a perfect balance of the various colorings.

## SWEET WIVELSFIELD

Sow indoors in February to bloom in the garden in June, or outdoors in April to bloom in August.

### Single Mixed.

Pkt. 15c; ¼oz. 30c; oz. 90c

The flowers are produced in trusses like a large loose Sweet William head, but the individual florets resemble Pinks and bloom through a long season in a great variety of color.

## TAGETES

This easily grown annual adds great brilliance of color to the garden, and blooms from midsummer to frost continuously. Sow outdoors in May or for earlier bloom indoors in March, and transplant.

### Little Orange Giant.

Pkt. 15c; ¼oz. 45c; oz. \$1.40; ¼lb. \$4.25

Miniature Marigold. Admirable for margins or edgings because of its compact, dwarf plants, 4 to 6 inches high, with a spread of 8 to 10 inches. Slender, fernlike foliage actually covered with gay, deep orange, single flowers.



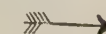
Star of Texas



Tahoka Daisy  
See page 36



Tagetes  
Little Orange  
Giant





Ursinia anethoides Hybrids



Tithonia, Early-flowering



← Vinca, Mixed.



Thunbergia Black-eyed Susan, Mixed



Torenia Fournieri



Virginian Stock

## TAHOKA DAISY

Pkt. 15c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.75

An unusually attractive lavender-blue, many-rayed daisy with deep yellow center and long slender petals, which are tinted with rose as they fade. The fern-leaved plants, 1 1/2 feet high, carry the flowers on fine long stems for cutting. If seed is sown indoors in April, the plants set in the garden bed will flower late in June and continue in spite of summer heat until late fall. It is a fine cut-flower. To get even, quick germination, chill the seed for 10 days before sowing. Goes fine with Star of Texas.

## THUNBERGIA

Black-eyed Susan. A rapid growing climber, splendid for screening and for hanging baskets. For earliest flowers, sow indoors in February and set out in the garden in May.

### Mixed.

Large, showy flowers in white, buff, orange and yellow with black centers, from midsummer to frost, on dense vines with ornamental foliage. Prefers a warm, sunny spot. Splendid for covering a bare bank of soil.

Pkt. 10c; 1/4oz. 25c; oz. 75c; 1/4lb. \$2.25

## TITHONIA

Golden Flower of the Incas. Start seed indoors in March and set plants in a very sunny location in May, to bloom in August.

### Early-flowering.

The flower resembles a giant single zinnia of vivid orange-scarlet. The 4-inch blooms are held on woody stems on 6-foot bushes with large velvety fig leaves. Because the plants form huge bushes, Tithonia makes a good screen or backing for a large border. It is often used to screen off unsightly buildings, vacant lots, etc.

Pkt. 15c; 1/8oz. 30c; 1/4oz. 50c; oz. \$1.50

## TORENIA

Wishbone Flower. A splendid annual which deserves far greater use. It is excellent as a bedding plant and is used for hanging baskets and window boxes. Start the seed indoors in February and set the plants in the garden 8 inches apart when warm weather begins. Thrives in any soil, any location and in extreme heat. Makes excellent pot plants for Mother's Day and is being used increasingly by flat-plant growers. Torenia gives splendid satisfaction under average garden conditions.

### Fournieri.

Bushy, 10-inch plants covered through summer and fall with a mass of sky-blue snapdragon-like flowers with three dark blue spots and a yellow throat. Excellent for rock-gardens.

Unable to supply.

## URSINIA

Jewel of the Veldt. Too few gardens know this attractive, easily grown annual from South Africa. Seed may be sown direct in the border in May or for earlier flowers indoors in March and the plants set in the garden in May for bloom from June to September. It delights in a sunny, warm position.

### Anethoides Hybrids.

The bushy plants, 1 foot high and 2 feet across, carry hundreds of daisy-like blooms on wiry stems above the light feathery foliage. The orange flowers, 2 inches across, are zoned from ruby to deep purple around the center disc, each spangled with jewel-like dots. Excellent for pot culture.

Pkt. 10c; 1/8oz. 25c; 1/4oz. 75c; oz. \$2.25

## VINCA

Each, pkt. 10c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50

Periwinkle. Few plants will give such a riot of color in outdoor beds, with little care and under adverse conditions, as this old-fashioned favorite. It does well in both sun and partial shade, blooming through summer to frost. The glossy, deep green foliage of the 15-inch plants always looks fresh. Start seed early indoors in January or February with bottom heat, transplant twice, and set in the garden bed a foot apart when frost is over. Ideal for pot plants but must be started early, as they grow slowly. Rose, White, White with Pink Eye, and Mixed.

## VIRGINIAN STOCK

These bring their fresh, bright colors to the garden in late spring. Start the seed indoors in March and set plants out in late April to bloom in May and June.

### Mixed.

Very fragrant, pretty annual plants 8 inches high, fine for edgings and dwarf beds. The single flowers, with four rounded petals, come in white and red, rose and lilac shades.

Pkt. 10c; 1/4oz. 20c; oz. 60c

**FLOWER GARDEN MIXTURE.** A mixture of annuals for both borders and cut-flowers. Oz. 30c.

## VERBENA

Few plants give a more gorgeous display of brilliant flowers from July until frost than this universal garden favorite. They are ideal for borders, for cutting, and look well in rock-gardens. Outdoor sowings may be made in May, but for better results sow the seed indoors in February or March, giving bottom heat, and set out the plants 15 inches apart in late May or early June. Soaking the seed in warm water overnight hastens germination, and pinching back plants induces bushy growth.

### Giant Hybrids.

Each, pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{4}$  oz. 85c; oz. \$2.50  
Magnificent strong, compact, free-flowering plants one foot high. The flower heads are immense, with individual florets an inch across. This class comes in a marvelous array of colorings and is the finest of all annual Verbenas.

**Beauty of Oxford Hybrids.** Rose shades.

**Brilliant.** Flame-rose, white eye. Better than Luminosa.

**Lavender Glory.** All-America Winner. True lavender.

**Lucifer.** Brilliant scarlet without an eye.

**Rosea Stellata.** Rose-pink; white eye.

**Royale.** Royal blue with creamy yellow eye.

**Violacea Stellata.** Violet; pure white eye.

**White.** Large pure white flower heads.

### Giant Hybrids, Mixed.

Not available.  
A marvelous mixture of all available colors in a well-proportioned balance. Ideal for growing spring bedding Verbena plants of the highest quality.

### Special Dwarf Bedding.

Not available.  
A very select, medium large-flowered strain which is ideal for bedding plants because of its very compact, erect habit. The 8-inch plants are covered with attractive flower heads, which bloom through a long period. This strain is especially suitable for flowering pot plants for spring sale.

**Blue Sentinel.** All-America. Violet-blue, white eye.

**Carmine Ball.** Bright carmine ball heads.

**Chamois.** Pale chamois tinted with buff.

**Dark Blue.** Deep marine blue. (Sold out.)

**Fireball.** Very fine brilliant scarlet.

**Snowball.** Free flowering, pure white.

**Violet Bouquet.** All-America Winner. Upright; deep violet.

### Special Dwarf Bedding, Mixed.

Not available.  
This is an extra-select mixture with a delightful assortment of colors, including an extra proportion of brilliant scarlet. The plants are of the dwarf, compact size so popular for mixed beds and borders. Especially recommended to flat-plant growers.

### Large-flowering.

Each, pkt. 10c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 55c; oz. \$1.65;  $\frac{1}{4}$  lb. \$5; lb. \$15  
An excellent mammoth type with dark green, 12-inch plants and fine heads of star-shaped florets with rounded, lobed petals. The flower clusters are large and produce very freely. **Blue, Pink, Purple, Scarlet, and Mixed**

## WALLFLOWER

These magnificent flowers are noted for their exquisite fragrance and for the rich, dull, velvety colors of the blooms. The flowers are borne in spikes on good stems, and are beautiful in beds and delightful for cutting. Sow the seed indoors in March and set out in the garden in May for early summer bloom.

### Double Annual Early Wonder, Mixed.

Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50  
A splendid early-flowering strain  $1\frac{1}{2}$  feet high, which blooms in three months from seed. The plants bear many fragrant, graceful spikes filled with large double blooms in an excellent color mixture, ranging from yellow to brown, some tinged with red and purple. Splendid for greenhouse, cutting and for pot culture.

### Early Forcing, Single Mixed.

Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50  
Spikes of fragrant single flowers, each with four rounded petals on attractive plants  $1\frac{1}{2}$  feet high. The flowers come in the yellows, browns and dull reds characteristic of the Wallflower.

## ZINNIAS, MISCELLANEOUS. SEE OTHER ZINNIAS ON NEXT PAGE.

### Dwarf Double-Flowered, Mixed.

Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1;  $\frac{1}{4}$  lb. \$3  
Bushy, 18-inch plants with an abundance of fully double flowers, averaging 2 inches across, held above the foliage.

### Linearis.

Pkt. 10c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50;  $\frac{1}{4}$  lb. \$4.50  
A very fine, dwarf bedding plant. Splendid small bushes, 10 inches high and 18 inches across, with long, narrow foliage, laden with  $1\frac{1}{2}$ -inch, daisy-like flowers with deep orange petals striped light yellow, and orange centers, from early summer until frost. This has an unusually long period of bloom.

### Mexican Double Mixed Haageana.

Pkt. 10c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50;  $\frac{1}{4}$  lb. \$4.50  
Compact 10-inch plants bearing a nice lot of double flowers,  $1\frac{1}{2}$  inches across, in charming color combinations.

### Red Riding Hood.

Pkt. 10c;  $\frac{1}{4}$  oz. 45c; oz. \$1.35;  $\frac{1}{4}$  lb. \$4  
Miniature bright crimson double flowers, about half the size of Lilliputs, on dwarf, compact plants 1 to 2 feet high.

In this catalog wherever we offer Formula Mixture, it means we make a special mixture of separate or named varieties, according to a specific formula, each variety in proportion to its popularity. Such a mixture, of course, is very much superior to an ordinary commercial mixture grown as such.



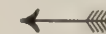
Bowl of  
Red Riding Hood  
Zinnias



Zinnia linearis



Wallflower, Single  
Early Forcing



Verbena  
Giant Hybrid





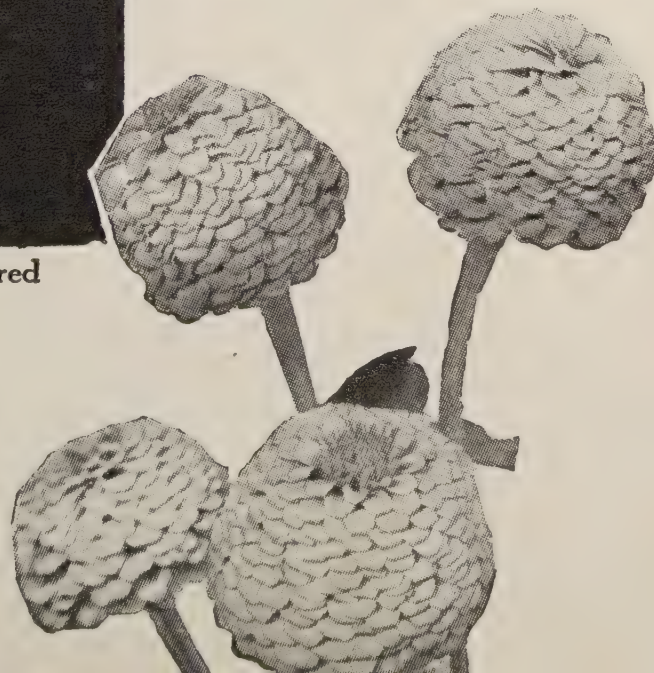
Zinnia, Gold Medal Giant Dahlia-flowered



Zinnia, Chrysanthemum-flowered David Burpee



Zinnia, Giant Crested



Zinnia, Lilliput

## ZINNIAS

The most popular annuals in American gardens. They give a lavish display of color under varied conditions, even in the hottest, driest summers, and no flower is of easier culture. Their many forms bring much interest and serve every garden purpose. The dwarfs make splendid, colorful edgings and the giants make brilliant display beds. They are excellent for cutting. All like warm rich soil and a sunny location. Sow the seed outdoors after warm weather, and thin the plants out to allow room. For bedding plants start seed in March indoors, giving bottom heat to get good germination.

### Chrysanthemum-flowered, David Burpee, Mixed.

Resembling "Mums" with curled, quilled petals, the huge long-stemmed flowers, often 6 inches across and 4 inches deep, come in pastel colors—apricot, cream, chamois, buff, salmon-pink, peach, burnt orange, rose, terra cotta. Some are self colored, many combine two or three colors. Height 3 feet.

Pkt. 15c; 1/8oz. 30c; 1/4oz. 50c; oz. \$1.50

### Giant Crested, Mixed.

For both garden display and cutting. The flowers average 4 to 5 inches across, with a full, rounded cushion center, surrounded by broad guard petals. The colors include magnificent shades of orange, orange-scarlet, yellow, maize, rose and crimson. Will come about 65 per cent true. Height 2 1/2 feet.

Pkt. 15c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.75; 1/4lb. \$5

### Super Crown o'Gold, Pastel Tints.

Very large, well-formed flowers unexcelled for cutting and for garden displays. Each petal is overlaid at the base with deep golden yellow while showing the individual flower color at the tip. The pastel shades include soft yellow, old-gold, light pink, apricot-pink, salmon, peach, and buff, as well as white and cream. Height 3 feet.

Pkt. 15c; 1/4oz. 35c; oz. \$1; 1/4lb. \$3; lb. \$9

### Gold Medal Giant Dahlia-flowered.

By far the most popular of all, this strain has huge flowers, often 5 inches across and with the center petals tending to incurve, giving the flower a deep, full effect. The strong vigorous plants, 2 1/2 to 3 feet high, are very free-flowering, particularly if they are pinched back when young to encourage branching.

Each, pkt. 10c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50; lb. \$13.50

**Canary Bird.** Clear canary-yellow of great brilliance.  
**Crimson Monarch.** Very large deep crimson flowers.  
**Dream.** Fine deep rosy lavender, very attractive.  
**Eldorado.** Delightful pastel shades of salmon-apricot.  
**Exquisite.** Pale rose, increasing to deep rose at center.  
**Golden Dawn.** Very bright showy golden yellow.  
**Golden State.** Orange-yellow turning to deep orange.

**Illumination.** Deep rose-pink. Remarkably fine.  
**Meteor.** Deep red, the darkest of all the reds.  
**Old Rose.** Delightful shades of old-rose.  
**Oriole.** Deep vibrant orange with almost bronze center.  
**Polar Bear.** Very large flowers of creamy white.  
**Purple Prince.** Deep purple flowers of perfect form.  
**Scarlet Flame.** Very striking bright, deep scarlet.

### Gold Medal Giant Dahlia-flowered, Mixed.

This is a remarkably well-balanced blend made up with proportions of each of the above varieties. It is the very finest mixture and is produced by the originator of this Zinnia variety.

Pkt. 10c; 1/4oz. 45c; oz. \$1.35; 1/4lb. \$4; lb. \$12

### California Giants, Florist's Strain.

The plants of this strain are of the same robust habit as the Giant Dahlia-flowered, but grow over 3 feet high, throwing strong lateral branches from which the best flowers come. These reach an enormous size, often 4 to 5 inches across, but with the petals laid back one over the other, giving the flowers a flattened appearance.

Each, pkt. 10c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50; lb. \$13.50

**Brightness.** Very bright flowers of clear pink.  
**Daffodil.** Canary-yellow. A popular variety.  
**Enchantress.** Light rose with a deep rose center.  
**Grenadier.** A popular variety with dark red flowers.  
**Miss Willmott.** Soft pink. Good-sized flowers.

**Orange King.** Intense cadmium or orange-scarlet.  
**Purity.** This is the best white variety of all Zinnias.  
**Rose Queen.** A very striking deep intense rose.  
**Salmon Queen.** Salmon-rose. A beautiful color.  
**Scarlet Queen.** Rich glowing deep scarlet.

### California Giants, Mixed.

This splendid mixture includes all of the above varieties proportioned according to their popularity.

Pkt. 10c; 1/4oz. 45c; oz. \$1.35; 1/4lb. \$4; lb. \$12

### Fantasy.

This has nicely rounded, shaggy flowers of medium size, like Chrysanthemums. The graceful, ray-like petals are artistically curled and interlaced. Very fine for cutting, as the 2 to 2 1/2-foot plants produce good stems.

Each, pkt. 10c; 1/8oz. 25c; 1/4oz. 40c; oz. \$1.25; 1/4lb. \$3.75

Star Dust. Golden yellow. Wildfire. Scarlet.

### Fantasy, Mixed.

All-America Winner. This includes the brightest red and orange as well as the popular pastel pinks and creams.

Pkt. 10c; 1/8oz. 25c; 1/4oz. 40c; oz. \$1.25; 1/4lb. \$3.75; lb. \$11

### Harmony, or Scabious-flowered, Mixed.

So named because a large percentage of the flowers resemble very closely the form of the annual Scabiosa and Harmony Marigold. The plants, 2 1/2 to 3 ft. high, bear a large number of medium-sized flowers on long stems.

Pkt. 15c; 1/8oz. 30c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50

### Lilliput.

Beautiful, miniature, perfectly double flowers, deeply globe-shaped, in a wide range of colors. The 15 to 18-inch compact plants are excellent for bedding and produce an abundance of long-stemmed flowers. **Canary-Yellow, Crimson, Golden, Burnt Orange (Valencia), Pink, Purple, Rose, Salmon-Rose, Scarlet, and White.**

Each, pkt. 10c; 1/4oz. 35c; oz. \$1; 1/4lb. \$3; lb. \$9

### Lilliput, Mixed.

Pkt. 10c; 1/4oz. 35c; oz. 95c; 1/4lb. \$2.85; lb. \$8.50

### Lilliput, Pastel Mixture.

Unusually fine for cutting. The 12 to 15-inch plants are neat, compact, very free-flowering, and start to bloom in 45 days from seed. The flowers come in apricot, peach, creamy yellow, shell-pink, salmon, light rose, and orchid.

Pkt. 10c; 1/4oz. 35c; oz. \$1; 1/4lb. \$3; lb. \$9

### Lilliput, Tom Thumb, Mixed.

A very excellent dwarf, compact strain suitable for pot culture, borders and rock-gardens. The plants, 4 to 6 inches high, are covered with tiny Lilliput flowers in red, orange, yellow, pink, rose and pastel shades.

Pkt. 10c; 1/4oz. 55c; oz. \$1.65; 1/4lb. \$5

# Seeds of Perennial Flowers

The varieties of seed which we include in this section produce plants which live on from year to year, increasing in size and beauty with age. A few exceptions are the biennials listed, such as *Campanula Medium*, *Digitalis*, etc., which bloom the second year and then die.

Perennials, used in permanent beds, come in a great variety of color and plant habit, ranging from the dwarf edging plants to the tall stately plants for backgrounds. They provide bloom from early spring to killing frost, and many show color before the annuals come to bloom.

**Culture.** The seed is generally started outdoors from June to September, and the young plants are either set in their permanent places in the fall and given light protection the first season, or carried over the first winter in a cold-frame and set out the following spring. After that, all except the half-hardy varieties require little attention, except to keep the flowers cut to prevent the seed-pods from forming. Some are as easily raised from seed as annuals; quite a few may be forced; others make fine pot-plants and splendid cut-flowers.

## ACHILLEA

Yarrow. Space 10 inches apart in not too rich soil in a sunny border. They are valuable for cutting.

**Ptarmica, The Pearl.**

Not available.

A profusion of small double white globular flowers, in loose sprays on 2-foot plants throughout the summer.

## ACONITUM

Monkshood. Tall, stately plants for shade or half-shade, blooming in late summer and autumn.

**Napellus.**

Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. \$1; oz. \$3

Straight, upright, single spikes of dark blue helmet-shaped flowers on plants 3 feet high. They like any good, ordinary soil in a fairly moist location and some shade. Set the plants 8 inches apart and do not disturb.

## ALYSSUM

Madwort. Early-flowering plants suitable for sunny margins and borders or a sunny rock-garden.

Plant 8 inches apart in well-drained soil. Very attractive for carpeting beds of tall spring bulbs.

**Saxatile compactum.**

Pkt. 15c;  $\frac{1}{4}$  oz. 30c; oz. 90c;  $\frac{1}{4}$  lb. \$2.65; lb. \$8

Basket of Gold. Large clusters of bright golden yellow flowers in early spring, on gray-foliaged 12-inch plants.

## ANCHUSA

Alkanet. Branching plants which like a deep, well-drained soil in full sun. When not crowded they form beautiful specimens, with their forget-me-not-blue flowers and hairy, silvery green foliage.

**Feltham Pride.**

Pkt. 20c;  $\frac{1}{16}$  oz. 55c;  $\frac{1}{4}$  oz. \$1.65; oz. \$5

This is like *Italica Dropmore*, but with more compact plants growing only 3 feet high and bearing a larger number of flowers of much brighter blue, in June and at intervals later through the summer.

**Italica, Dropmore.**

Pkt. 15c;  $\frac{1}{4}$  oz. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.25

Tall spikes of rich gentian-blue from June to September, on 4 to 5-foot stately plants.

**Myosotidiflora.**

Pkt. 25c;  $\frac{1}{32}$  oz. 60c;  $\frac{1}{16}$  oz. \$1;  $\frac{1}{4}$  oz. \$3; oz. \$9

Quite distinct with dwarf 12-inch plants, having large rounded leaves and sprays of clear blue forget-me-not flowers in April and May, much earlier than the other varieties. It is useful for the rock-garden.

## ANEMONE

Windflower. These are gorgeously flowered plants, ideal for rock-gardens or low borders, but the seed should be sown where the plants are intended to bloom and thinned out to at least 8 inches apart. To flower the first year they may be started indoors early in pots, as they do not like transplanting.

**St. Brigid, Mixed.**

Pkt. 25c;  $\frac{1}{16}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.75

Single and semi-double cup-shaped flowers 3 to 5 inches across in great abundance on 1-foot plants from April to June. They come in bright shades of scarlet, purple, maroon and lilac.

## ANTHEMIS

Camomile. Excellent free-flowering plants which thrive if set 12 inches apart, even in dry, poor soils.

**Tinctoria.**

Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 65c

Yellow Marguerite. A profusion of lemon-yellow daisy flowers which are excellent for cutting throughout the summer. On 2-foot plants with elegantly cut foliage. Will bloom the first year if the seed is started indoors early.



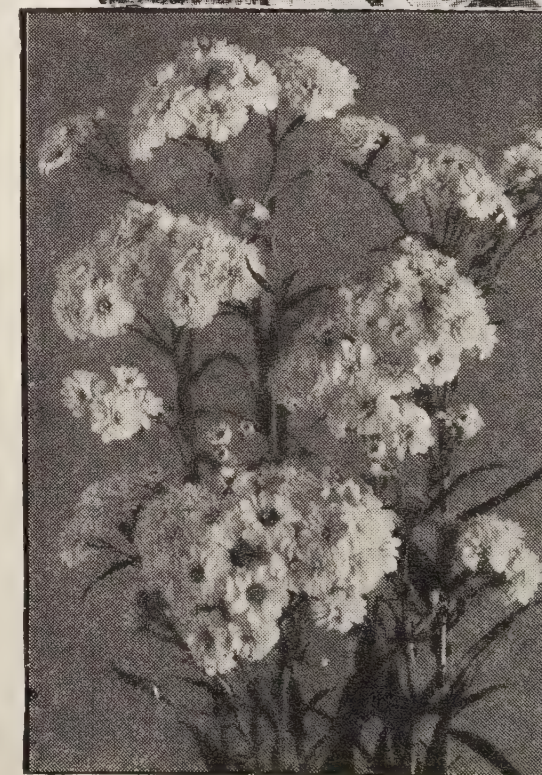
Alyssum saxatile  
← compactum



Aconitum  
Napellus



Anthemis  
tinctoria



Achillea Ptarmica,  
The Pearl



Anchusa  
myosotidiflora





Aquilegia, Long-spurred  
Blue Shades



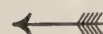
Arabis alpina



Aubrietia, Monarch Mixture



Armeria alpina



Aster alpinus,  
Goliath

## AQUILEGIA *coerulea*

Columbine has been popular through the ages, but the recent long-spurred developments are a gorgeous spectacle in late spring and early summer, and account for the renewed interest in this flower. All prefer partial shade and do best if 10 inches apart in soil enriched with peat moss or humus.

### LONG-SPURRED VARIETIES

The graceful flowers, on strong wiry stems, are delightful for cutting and are unusually beautiful in garden beds.

#### Blue Shades (Special Strain).

This is a very excellent selection and must not be confused with the ordinary strains offered. The plants attain a height of 3 to 4 feet and bear huge long-spurred blue flowers.

#### Copper Queen.

Large flowers of copper-red with long spurs of a darker shade, and striking straw-yellow corolla, on 2½-foot plants.

#### Crimson Star.

Huge long-spurred flowers of rich crimson with white centers. This is a very outstanding and attractive variety.

#### Rose Queen.

A profusion of beautiful, large flowers in shades of rose with white corolla and yellow centers, on 3-foot plants.

#### Snow Queen.

The large, pure white flowers are held erect on strong, wiry stems. The vigorous plants grow about 3 feet high.

#### Mrs. Scott Elliott's Hybrids.

A mixture of delightful shades including many soft pastel tones. The large flowers with broad guard petals and very long spurs are gracefully poised on long stems, on 3-foot plants.

## ARABIS

Rock Cress. For edgings, rock-gardens or dry walls. Plant 6 inches apart in good soil, in sun or shade.

#### Alpina.

Forms a dense, 6-inch carpet of small, pure white single blooms in early spring. Often seen after the last snow.

#### Alpina, Rose.

This variety is similar in habit to the white form, but the flowers are a delicate pale pink color.

#### Alpina, Snowcap.

A better strain with much more compact, dwarf 6-inch plants and shining, snow-white cushions of flowers.

## ARMERIA

Sea Pink. Fine for edgings and rock-gardens, with bright, globular flower-heads above grassy tufts from May to July. Set the plants 6 to 8 inches apart in dry, sandy soil and in a sunny position.

#### Alpina.

Fine for edgings and rock-gardens with compact, grasslike tufts, 3 inches high, covered with bright rose flowers.

## ASTER

Starwort. Beautiful daisy flowers so popular for mixed borders. For other Asters see Annual List.

#### Alpinus, Goliath.

This is a compact, dwarf variety, 15 inches high, having soft blue, daisy flowers with yellow centers in May and June. It will do well in any good soil and is very attractive for rock-gardens or border edges. Plant 8 inches apart.

## AUBRIETIA

Fine as a rock-plant, this also forms beautiful carpets for beds planted with bulbs. Set the plants 6 inches apart in any well-drained soil. On heavy, damp soils they are apt to freeze out in winter.

#### Monarch Mixture.

A superior strain in size of bloom and including every shade of deep red, rosy violet, rose, violet-lavender, pink, purple, mauve, etc. Spreading needle-leaved plants forming a carpet 6 inches deep.

## BELLIS PERENNIS

English Daisy. Bright, colorful double flowers popular for spring bedding plants. They succeed best in a medium moist soil, but fail in dry soils and hot positions. Often used for edgings of beds and sometimes for carpeting bulb-beds. Set the plants 4 to 6 inches apart and protect lightly over winter.

#### Monstrosa maxima, Selected Giant.

This is a very fine, large-flowering, extra-double strain, with full-centered flowers on compact plants 6 inches high. Unexcelled for bedding. **Dark Red, Dark Rose, White, or Mixed.**

## CAMPANULA

Bellflower. A rich, well-drained, light soil grows them to perfection, if 10 inches apart in full sun.

### Medium calycanthema.

Each, pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 55c; oz. \$1.65;  $\frac{1}{4}$  lb. \$5

Cup-and-Saucer. A biennial with tall, erect-growing  $2\frac{1}{2}$ -foot plants, covered with large cup-and-saucer flowers during late May and June, which last a week or more when cut. **Dark Blue, Light Blue, Rose, White, and Mixed.**

### Medium Single, Mixed.

Pkt. 10c;  $\frac{1}{4}$  oz. 25c; oz. 65c;  $\frac{1}{4}$  lb. \$2

Canterbury Bells. A very showy biennial with branching  $2\frac{1}{2}$ -foot plants of pyramidal form and large single bells along the upright stems in clear colors in June and July. For annual strains see Canterbury Bells in Annual List.

### Persicifolia, Telham Beauty.

Pkt. 25c; Tr. pkt. 50c;  $\frac{1}{16}$  oz. \$1.35;  $\frac{1}{4}$  oz. \$4; oz. \$12

The very finest perennial variety with large, single, globular, open flowers of delicate china-blue with silvery shading on 4-foot plants with wiry stems.

## CANDYTUFT

Iberis. In a sunny position in good ordinary soil, 6 inches apart, these form attractive spring-flowering plants for the rock-garden. Also effective for margins of mixed borders or as an edging for garden walks. They are of shrubby growth with dark evergreen foliage. For other varieties see Annual List.

### Gibraltarica.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. 85c;  $\frac{1}{4}$  lb. \$2.50

Pale lavender-pink flowers shading to white, in profusion during May and June on plants 10 inches high.

### Sempervirens.

Pkt. 15c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{4}$  oz. \$2; oz. \$6;  $\frac{1}{4}$  lb. \$18

The most commonly grown of all. The beautiful, pure white flower-heads from April to June form a sheet of bloom, completely covering the dark green foliage. Excellent for edging and for rock-gardens. Height 10 inches.

## CARNATION

One of the most useful and popular flowers, these do well in any good, light, well-drained soil if spaced 12 inches apart. Fine for cutting and bloom the first year from seed started early indoors, but are usually started in summer and carried over with protection to bloom the following spring.

### Half-High Grenadin.

Each, pkt. 20c;  $\frac{1}{32}$  oz. 50c;  $\frac{1}{16}$  oz. 90c;  $\frac{1}{4}$  oz. \$2.65; oz. \$8

A splendid cut-flower, with grassy, pink-like foliage on 20-inch free-flowering plants blooming outdoors in June and July. The double flowers on good stems come **Black-Red, Rose, Scarlet, White, Yellow, and Mixed.**

### Early Dwarf Vienna, Double, Mixed.

Pkt. 20c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{4}$  oz. \$2; oz. \$6;  $\frac{1}{4}$  lb. \$18; lb. \$54

An extremely popular strain for hardy border plants, 14 inches high, with extra-double large flowers which appear early in June. This variety blooms earlier than any other and the plants are very free-flowering.

## COREOPSIS

Tickseed. Attractive for both border and cut-flowers. Do best planted 1 foot apart in well-drained, medium soil and full sun. Bloom the first year if started indoors early. See Calliopsis in Annual List.

### California Sunbeams.

Pkt. 10c;  $\frac{1}{2}$  oz. 25c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25

A profusion of golden yellow cosmos-like single flowers with lanced petals, through summer, on  $2\frac{1}{2}$ -foot plants.

### Double Sunburst.

Pkt. 15c;  $\frac{1}{4}$  oz. 25c; oz. 75c;  $\frac{1}{4}$  lb. \$2.25

Large, full, double golden yellow flowers,  $1\frac{1}{2}$  to 2 inches across, for cutting and for display on  $2\frac{1}{2}$ -foot plants.

## DIGITALIS

Foxglove. These are biennials and should be sown every year. Succeeding in ordinary soil in either sun or shade, they are very effective when grown in masses. If the plants, spaced 8 inches apart, are set out in the fall, they must be protected carefully if winters are cold. They bloom in June and July.

### Giant Shirley, Mixed.

Pkt. 10c;  $\frac{1}{4}$  oz. 45c; oz. \$1.35;  $\frac{1}{4}$  lb. \$4

A superb mixture with very large flowers in shades of pink and white, attractively spotted with brown and maroon. The tall, stately plants, about 6 feet high, hold long spikes which are striking against a dark background.

### Gloxiniæflora, Mixed.

Pkt. 10c;  $\frac{1}{4}$  oz. 30c; oz. 75c;  $\frac{1}{4}$  lb. \$2.25

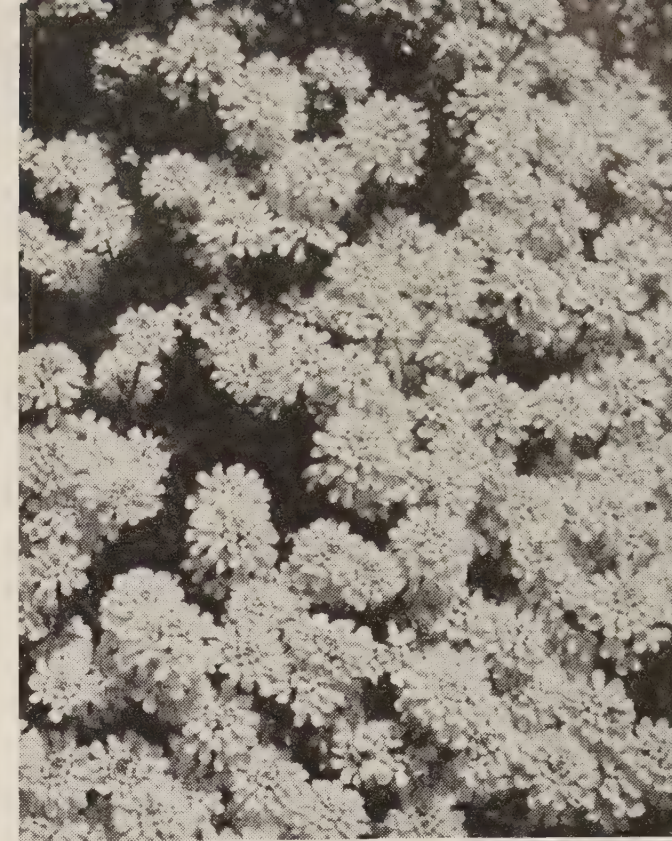
A very nice variety which derived its name because the flowers are shaped and spotted like Gloxinias. Ht. 4 ft.

### Purpurea monstrosa, Mixed.

Pkt. 15c;  $\frac{1}{4}$  oz. 50c; oz. \$1.50;  $\frac{1}{4}$  lb. \$4.50

This differs from the other strains in that the upper flowers unite to form one large cup-shaped blossom on the top of the spike. The colors include white and shades of rose, pink, etc. Height 4 feet.

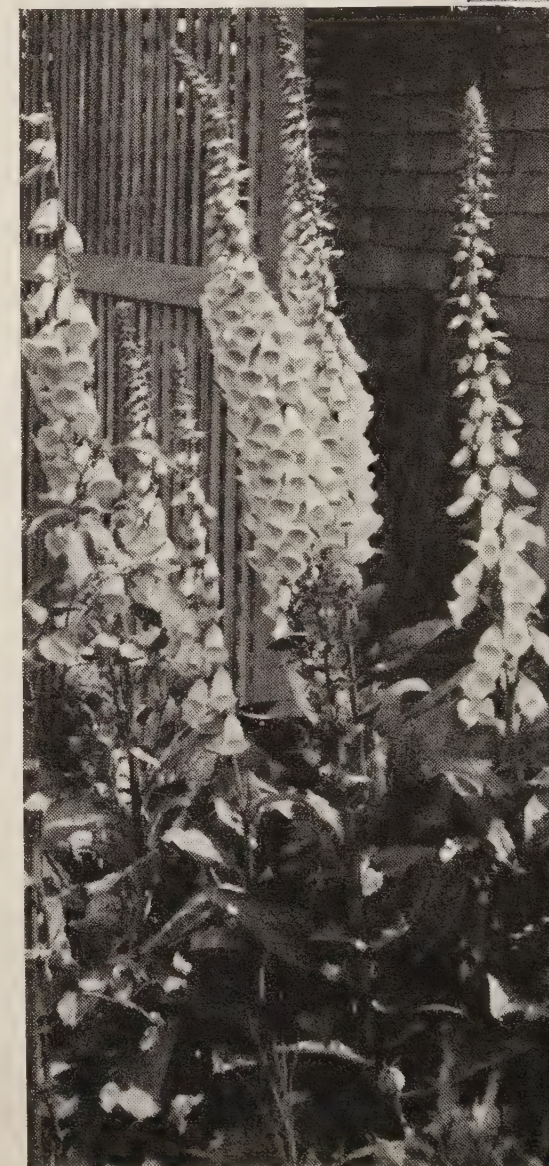
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Candytuft  
Iberis sempervirens



Campanula Medium, Single



Digitalis,  
Giant Shirley



Campanula persicifolia,  
Telham Beauty

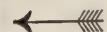


Delphinium, White  
Pacific Giant Hybrids



Dianthus  
plumarius

Doronicum  
caucasicum



Dielytra  
spectabilis  
Bleeding-Heart



## DELPHINIUM

These tall, stately flower spikes of unsurpassable beauty will grow in every garden, but best results are obtained in cooler latitudes. Most effective a foot apart in groups. Require a deep, rich, well-drained soil. Our seed always grows well. To aid germination chill seeds for 48 hours just before planting.

### Belladonna Improved or Cliveden Beauty.

Pkt. 25c; 1/8oz. 75c; 1/4oz. \$1.35; oz. \$4; 1/4lb. \$12

This is an improved strain, with large flowers of iridescent, light turquoise-blue on plants 4 feet high.

### Belladonna Hybrids.

Pkt. 20c; 1/8oz. 55c; 1/4oz. \$1; oz. \$3; 1/4lb. \$9

These are very free flowering and not equalled by any other variety for graceful cut-flowers. This extra-select strain comes in clear turquoise and other delightful shades of light and dark blue, on 4-foot plants.

### Bellamosum Improved.

Pkt. 25c; 1/8oz. 80c; 1/4oz. \$1.50; oz. \$4.50; 1/4lb. \$13.50

This is really a dark blue form of the Belladonna, and very uniform in color with spikes 2 1/2 inches across. Each dark blue floret has a white bee. The plants grow only to a height of 3 1/2 feet.

### Giant Exhibition Hybrids, Blackmore & Langdon's.

Pkt. 25c; 1/8oz. 70c; 1/4oz. \$1.25; oz. \$3.50; 1/4lb. \$10

This English strain is one of the finest developments. The flowers are enormous, produced on solid erect spikes 6 feet high. Colors include delicate shades of blue, mauve and pink.

### Gold Medal Hybrids.

Pkt. 15c; 1/4oz. 65c; oz. \$2; 1/4lb. \$6

The plants are of strong, vigorous habit, 4 to 5 feet high, with large flower spikes 2 feet long, the majority coming in the darker shades of blue. Very fine for plant growers.

### Hollyhock-flowered Wrexham Hybrids.

Pkt. 35c; 1/8oz. 65c; 1/4oz. \$2; oz. \$6; 1/4lb. \$18

Flowers of superb size, exquisitely proportioned, on spikes like tapered 6-foot spires, with beautiful florets in lovely tones of blue, mauve, lilac, purple and violet in wonderful variations. Very select.

### Pacific Giant Hybrids.

Each, pkt. 50c; 1/8oz. \$1.20; 1/8oz. \$2; 1/4oz. \$3.50; oz. \$12

A remarkable new strain with huge, well-formed, 2 1/2-inch florets, nearly all double, evenly spaced on well-balanced tapering spikes with thin woody stems. This variety is comparatively mildew-resistant. Under favorable conditions the plants will grow to a truly enormous height. This is the world's best strain. Height 5 to 7 feet. **Dark Blue, Dark Violet, Light Blue, and White.**

### Pacific Giant Hybrids, Mixed.

Pkt. 50c; 1/8oz. \$1.20; 1/8oz. \$2; 1/4oz. \$3.50; oz. \$12

The mixture embraces shades from the darkest purple to the palest blue, pastel orchid tints, and white.

## DIANTHUS

Garden Pinks. These bright dwarf plants are perfectly hardy and are grand for sunny places in the rock-garden or border. Space 6 to 10 inches apart in well-drained, gritty soil which contains some lime. Bloom the first year from seed started indoors early. For other varieties see Annual List.

### Plumarius Double Scoticus, Special Florist Strain.

Pkt. 20c; 1/8oz. 30c; 1/4oz. 85c; 1/4oz. \$2.50; oz. \$7.50

A superb selection of double Scotch Pinks with free-flowering plants and blooms 1 to 2 inches across on 12 to 15-inch stems. They come in self colors in shades of pink, rose, salmon and white, many with a bright crimson zone.

### Plumarius Double Spring Beauty.

Pkt. 20c; 1/8oz. 30c; 1/4oz. 90c; oz. \$2.75

The very large, exceptionally double flowers like carnations are unusually fragrant and in attractive colors.

### Plumarius Dwarf Double, Mixed.

Pkt. 15c; 1/8oz. 35c; 1/4oz. \$1; oz. \$3

Very excellent, free-flowering, 12-inch plants with fragrant double blooms on wiry stems, above grasslike foliage.

### Plumarius Double, Mixed.

Pkt. 15c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.75; 1/4lb. \$5

These fragrant flowers in attractive colorings come in double and semi-double forms on plants 15 to 18 inches high.

### Plumarius Semperflorens, Double, Mixed.

Pkt. 15c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.75; 1/4lb. \$5

Beautiful sweet-scented double and semi-double flowers in a great diversity of color. This is very excellent and popular, as it has the longest season of bloom in this type. Height 15 to 18 inches.

## DIELYTRA

Bleeding-Heart. Dicentra. These should be located in a partially shaded border. They do best as individual specimens. Sow seed in the fall as going through the cold winter gives better germination.

### Eximia.

Pkt. 15c; 1/8oz. 50c; 1/4oz. \$1.50

A dwarf-growing sort, 12 inches high, with beautiful, finely cut foliage and showy racemes of pretty pink, small flowers throughout the season. This does well in either sun or shade, and is exceptionally fine for rock-gardens.

### Spectabilis.

Sold out

Long racemes of graceful, heart-shaped, large pink flowers, at home in any part of the border. Height 2 1/2 feet.

## DORONICUM

Leopardbane. This hardy, 2-foot perennial blooms outdoors in April and May. The plant divisions, potted up in December, easily flower in a cool greenhouse by February. Seed germinates slowly.

### Caucasicum.

Unable to supply.

Magnificent daisy-like flowers of golden yellow on good stems for cutting, above heart-shaped leaves. Plant 8 inches apart in heavy soil in sun or partial shade. Water freely in dry weather.

## DRACAENA

An ornamental-leaved plant used for window-boxes and hanging-baskets or as a pot-plant.

### Indivisa.

This is a tender perennial with long, narrow green leaves. It is easily raised from seed sown in January, potted in April and shifted to larger pots as required. Avoid plants becoming pot-bound. Height 2 feet.

## EUPATORIUM

Splendid plants for the border, for naturalizing and for cut-flowers. They prefer light shade but do well in full sun. Sow the seed in early spring or late fall when it is cool. Germinates very slowly.

### Cœlestinum.

Hardy Ageratum. Large bushy plants, 2 feet high, with abundant lavender-blue flower heads like Ageratum, in September and October. These are excellent for cutting. Seed requires long exposure to cold.

## GAILLARDIA GRANDIFLORA

Blanket Flower. Gay round ray-petaled flowers in continued profusion through June to November. They are admirable for dry sunny locations and hardly seem to need water. Plant 8 inches apart in rich but light soil, and give slight winter protection. Excellent for cut-flowers. They will bloom the first year from seed sown early indoors. For other varieties see Annual List.

### Burgundy.

The flowers are 2½ inches across on long stiff stems, 65 per cent coming true wine-red selfs. Height 2½ feet.

### Goblin.

Large yellow flowers with deep red centers on very compact globular plants 15 inches high. Excellent for beds.

### Portola Hybrids.

Large flowers, often 4 inches across, of bronze-red-scarlet intensified by golden yellow petal tips on 2½-foot plants.

### Tangerine.

The plants are of more compact habit, with showy flowers of orange overlaid with red, on long stems fine for cutting.

### The Dazzler.

The bright showy flowers, 4 to 5 inches across, are golden yellow with a rich maroon-red center. Height 3 feet.

### Monarch, Mixed.

This is an exceptionally high-class strain, with extra-fine, very large flowers in a wide range of colors.

## GEUM

Avens. A wealth of gracefully poised, attractive flowers above plant tufts of pinnate leaves. They are excellent for the border and are prized for cutting. Set the plants 8 inches apart in good soil in sun. Water well in summer and protect through the first winter. Bloom first year from seed sown early indoors. Height 2 feet. **Lady Stratheden**, golden yellow; **Mrs. Bradshaw**, orange-red.

## GYPSOPHILA

Baby's Breath. Much prized for their many feathery panicles of small starry flowers. Plant 2 feet apart in well-drained medium soil containing lime, in a sunny position. For others see Annual List.

### Paniculata, Single.

Tiny white single flowers in graceful feathery panicles on thread-like stems during June and July. They are very popular for cutting to blend with bouquets of other flowers. Height 3 feet.

### Paniculata, Double, Snow White.

The double form of Baby's Breath and comes about 80 per cent double, on 2½-foot plants. Fine for cutting.

## HELIANTHEMUM

Rock Rose. These do best in full sun in a sandy or well-drained poor loam. They are excellent for dry stone walls and rock-gardens. Low-growing evergreen plants forming large clumps.

### Mutabile, Mixed.

Dwarf, 9-inch plants with lovely rose, pink, yellow and white blooms from June to August.

## HEUCHERA

Coralbells. These are suitable for cutting and effective for margins, as edgings to walks, and planted in the rock-garden. They should be placed in a sunny, well-drained, fairly rich soil about 6 inches apart, and top-dressed with well-rotted manure each spring.

### Sanguinea splendens.

Graceful panicles of coral-red bell-like flowers on 12 to 18-inch stems, from June to September, above dwarf, compact heart-shaped foliage. Height 2 feet.



*Gypsophila paniculata*  
Single

← Geum

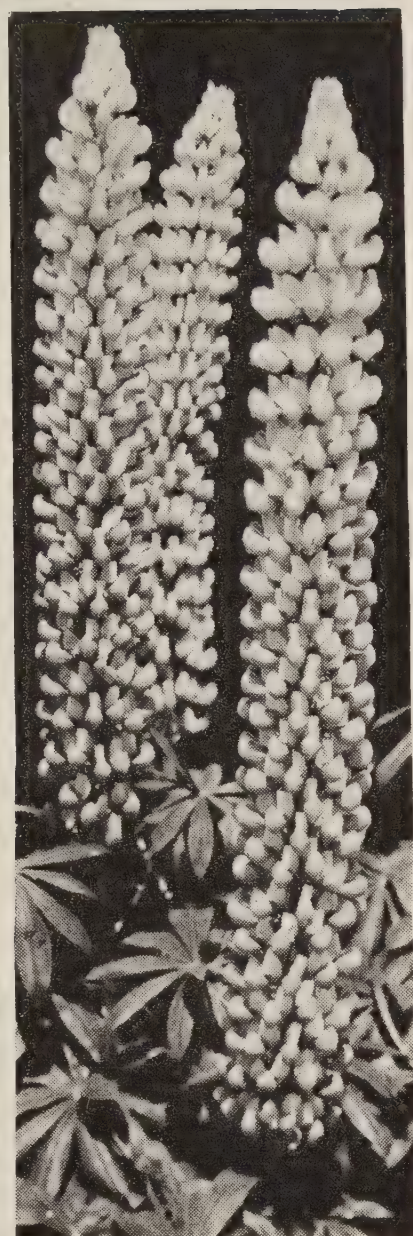
*Helianthemum mutabile*

*Gaillardia grandiflora*  
Tangerine

→  
*Heuchera*  
*sanguinea splendens*



Hollyhock, Superb Double



Linum perenne



Russell  
Lupines ↑  
  
↓  
Nepeta  
Mussini



## HOLLYHOCK

*Althæa rosea*. These stately plants are indispensable for garden display, especially as backgrounds and in front of walls. They require rich, well-drained, medium light soil in full sun. See Annual List.

### Double Triumph, Mixed.

Pkt. 20c; 1/8oz. 35c; 1/4oz. 60c; oz. \$1.85; 1/4lb. \$5.50

Attractive early-flowering variety with double flowers of curled fringed petals, in unusual shades. Height 7 feet.

### Superb Double, Mixed.

Pkt. 15c; 1/4oz. 55c; oz. \$1.65; 1/4lb. \$5

The tall spikes, 7 feet high, are closely set with showy double flowers in a great range of beautiful colors.

### Single Mixed.

Pkt. 10c; 1/4oz. 25c; oz. 65c; 1/4lb. \$2

## HONESTY

Pkt. 15c; 1/4oz. 50c; oz. \$1.50; 1/4lb. \$4.50

*Lunaria*. Moonwort. Admired for its silvery, flat, round seed-pouches used for winter bouquets. Space plants 18 inches apart in full sun in good soil. Avoid cutting the flowers. Height 2 feet.

## LATHYRUS LATIFOLIUS

Each, pkt. 10c; 1/4oz. 25c; oz. 75c

Everlasting Pea. Trailing plant suitable for arches, trellises or rough banks. Space 3 feet apart. Large racemes of pea flowers, showy but not fragrant. **Giant Pink Beauty**, or **Giant White Pearl**.

## LINUM

Flax. Best in groups, setting the plants 8 inches apart in sandy or well-drained, light soil, in the sun.

### Perenne, Blue.

Pkt. 10c; 1/4oz. 20c; oz. 50c; 1/4lb. \$1.50

Pale blue, round flowers through summer, on slender, graceful stems above feathery foliage. Height 1 1/2 feet.

## LUPINUS

Lupine. Beautiful, stately perennials with bold spikes of pea-shaped flowers in May and June. They like a warm, sheltered position in well-drained, light or medium, slightly acid soil. Space plants 10 inches apart. Avoid lime but water thoroughly in dry weather. For other varieties see Annual List.

### Russell, Mixed.

Pkt. 15c; 1/16oz. 25c; 1/4oz. 75c; oz. \$2.25; 1/4lb. \$6.75

Enormous, well-rounded, symmetrical, 3-foot spikes, closely set from top to bottom with individual florets an inch across. The 4-foot plants have attractive foliage. In extraordinary color combinations.

### Polyphyllus.

Each, pkt. 10c; 1/4oz. 25c; oz. 75c; 1/4lb. \$2.50

Graceful spikes of pea-shaped flowers in May and June, on attractive plants 3 feet high. **Blue**, **White**, and **Mixed**.

### Polyphyllus, Rose.

Pkt. 25c; 1/4oz. 85c; oz. \$2.50; 1/4lb. \$7.50

Fine large flowers in a delightful shade. This is by far the prettiest color found in this strain.

## LYCHNIS

Campion. Easily grown, attractive perennials which like sunny locations in good soil. Fine for massing in beds and will bloom the first year if sown early indoors.

### Arkwrighti Hybrids.

Pkt. 15c; 1/16oz. 40c; 1/4oz. \$1.10; oz. \$3.25

An abundance of large, brilliant flower-heads, from orange-scarlet to soft salmon-pink, in May. Height 2 1/2 feet.

### Chalcedonica, Scarlet.

Pkt. 10c; 1/4oz. 35c; oz. \$1; 1/4lb. \$3

Vivid scarlet flower-heads all summer, each floret like a Maltese Cross. Very bright 3-foot plants for the border.

## MYOSOTIS

Forget-me-not. Dainty, freely produced flowers delightful for edgings, under tulips or shrubs. They thrive in moist shade; the *Alpestris* varieties do well in sun. Sow the seed in July or August and transplant to coldframes or with protection over winter to have bloom in May.

### Alpestris, Victoria.

Seed not available

A dwarf 8-inch biennial strain with round, compact plants and larger flowers than *Palustris*. **Deep Blue**, **Pale Blue**, **Indigo Blue**, **Rose**, **White** and **Formula Mixed**.

### Alpestris, Royal Blue.

Sold out

Fine deep blue flowers on plants which grow 12 inches high.

### Palustris.

Not available

These are the true perennials, with small, pale blue flowers in May and June, on plants 10 inches high.

## NEPETA

Catmint. These are best planted 8 inches apart in masses. They like well-drained soil and sun.

### Mussini.

Pkt. 20c; 1/16oz. 50c; 1/4oz. \$1.50

Small blue-lavender spikes above gray-green foliage from April to June for edgings and rockery. Height 1 foot.

## PHLOX DECUSSATA

These beautiful hardy border plants are most effective in the garden during late summer and early fall. They like deeply prepared and enriched, well-drained soil. Space the plants 10 inches apart. Never let them go to seed and never wet the plants when watering. Let the hose run slowly on the ground. This method prevents mildew. For Phlox Drummondii see Annual List.

### Tall Large-flowered, Mixed.

Pkt. 25c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{4}$  oz. \$2; oz. \$6

These come in a brilliant array of colors, make gorgeous displays, and will last for years. As the seed is of slow and erratic germination, the seedlings from summer-sown seed may not appear until the following spring. Height 3 feet.

## PHYSOSTEGIA

False Dragonhead. When spaced 12 inches apart they thrive in ordinary soil in sunny borders.

### Virginica.

Pkt. 15c;  $\frac{1}{16}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.75; oz. \$5.25

Large dense, 3-foot bushes with terminal spikes of delicate lilac-pink tubular flowers, from July to September.

## PLATYCODON

Chinese Bellflower. These thrive in a well-drained, sunny border, but do best if the border is slightly elevated. Set the silvery foliaged plants 8 inches apart and disturb as little as possible.

### Grandiflora, Blue.

Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 85c; oz. \$2.50

Deep blue, 3-inch bell-flowers with pointed recurved petals, in June and July on 20-inch spikes. Height 3 feet.

## POPPY

Papaver. Of great value in the garden, these make a gorgeous display of rich brilliance which nothing can equal. Whether planted singly or in masses, their intense color makes them conspicuous in any position. Grow the seedlings in pots, as they resent transplanting. If the flowers are cut when in bud they will keep in water for several days. For others see Annual List.

### ICELAND POPPIES

These lovely plants are of great value for cutting and in the sunny border, and thrive in well-drained, sandy soil.

#### Red Cardinal.

Pkt. 25c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.10; oz. \$3.25

This is the first real red variety to be offered. The brilliant cardinal-red flowers are borne on 2½-foot plants.

#### Iceland Single, Mixed.

Pkt. 15c;  $\frac{1}{4}$  oz. 65c; oz. \$2;  $\frac{1}{4}$  lb. \$6

This is a very attractive color mixture on nice stems for cutting. The plants are free flowering and 1½ feet high.

### ORIENTAL POPPIES

These wonderful flowers far surpass in splendor of bloom all other Poppies. Nothing can approach them as garden accents in the flower border in May and June. They do best planted 12 inches apart in deep rich loam, and should be mulched in the fall with dry litter to prevent crown rot. Height 2 to 3 feet.

#### Beauty of Livermere.

Pkt. 25c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{4}$  oz. \$1.50; oz. \$4.50

An elegant, vigorous variety, 3 feet tall, with extra-large blooms of a striking dark oxblood-red color.

#### Brilliant.

Pkt. 25c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{4}$  oz. \$1.50; oz. \$4.50

The vivid fiery red flowers are often 4 inches in diameter, and freely produced on long-stemmed 3-foot plants.

#### Mrs. Perry.

Pkt. 25c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{4}$  oz. \$1.50; oz. \$4.50

Magnificent blooms of enormous size and bold habit. The color of the silky, crinkled petals is salmon-rose.

#### Scarlet.

Pkt. 15c;  $\frac{1}{4}$  oz. 55c; oz. \$1.60;  $\frac{1}{4}$  lb. \$4.75

Well-known brilliant orange-scarlet of outstanding beauty. The attractive 3-foot plants have rich green foliage.

#### Orientele, Mixed.

Pkt. 15c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1; oz. \$3;  $\frac{1}{4}$  lb. \$9

Made up from seed saved from a great variety of extra-fine named sorts. Excellent for colorful display beds.

## PRIMULA

Plant about 6 inches apart in damp, rich loam, with at least partial shade. Ideal for rock-gardens.

### Polyanthus, Monarch, Mixed.

Pkt. 25c;  $\frac{3}{32}$  oz. \$1;  $\frac{1}{16}$  oz. \$1.85;  $\frac{1}{8}$  oz. \$3;  $\frac{1}{4}$  oz. \$5.50

The compact 9-inch plants resist heavy spring rains. The flowers in closely set bunches come in strong colors, and in soft art shades. Splendid when grown as cool greenhouse plants.

### Polyanthus, Giant Munstead, Mixed.

Pkt. 25c;  $\frac{3}{32}$  oz. \$1;  $\frac{1}{16}$  oz. \$1.85;  $\frac{1}{8}$  oz. \$3;  $\frac{1}{4}$  oz. \$5.50

Bunch Primrose. The plants, 1 foot high, bear bunch-headed flowers in white and shades of yellow.

### Vulgaris.

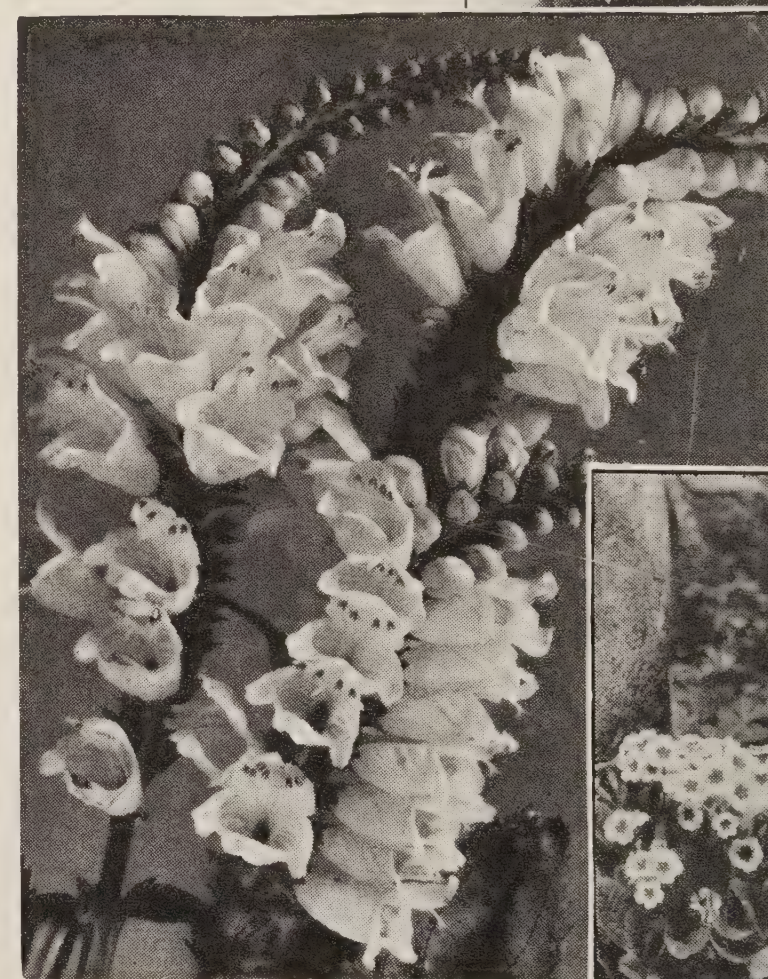
Pkt. 20c;  $\frac{3}{32}$  oz. 50c;  $\frac{1}{16}$  oz. 90c;  $\frac{1}{4}$  oz. \$2.75

English Primrose. This delightful hardy variety shows its pale primrose-yellow flowers, one blossom to a stem, in great abundance in April and May. The 9-inch plants are ideal for shaded margins or shaded rock-gardens.



Poppy, Oriental, Scarlet

Poppy, Iceland  
Red Cardinal



Physostegia virginica



Primula Polyanthus  
Giant Munstead



Platycodon  
grandiflora, Blue



Giant Double Shasta Daisy



Shasta Daisies, Single Alaska

Pyrethrum, Single  
and Double Hybrids  
→



Scabiosa caucasica  
Isaac House Giant Hybrids  
←



## POTENTILLA

Charming strawberry-leaved plants for the sunny border with brilliant flowers produced in profusion.

### Warrensi.

Splendid bright flowers of glossy deep yellow, fine for cutting, in great abundance through the summer months. Attractive plants, 2 feet high, with dark green foliage.

Pkt. 15c;  $\frac{1}{16}$ oz. 25c;  $\frac{1}{4}$ oz. 75c; oz. \$2.25

## PYRETHRUM

Painted Daisy. These bloom in May and June on plants 2 feet high, and are indispensable cut-flowers. They like a very well-enriched soil in a sunny location, and are best when 1 foot apart in groups. Water liberally in dry weather and cut stems down to their base when first flowers have faded.

### Single James Kelway.

Neat compact tufts of finely cut foliage with long stems and lovely daisy-like, yellow-centered, dark blood-red flowers which are unexcelled for long-keeping cut-flowers.

Not available.

### Select Single Hybrids, Mixed.

This contains a very well-balanced assortment of colors, and is exceptionally fine for a cut-flower bed.

### Select Double and Single Hybrids, Mixed.

Instead of the yellow-centered daisy flowers like the Single Pyrethrum, these have tufted centers like a double China aster, only some flowers will come single. Includes pink, rose, crimson and white. Height 2 to 2½ feet.

Pkt. 25c;  $\frac{1}{2}$ oz. 55c;  $\frac{1}{16}$ oz. \$1;  $\frac{1}{4}$ oz. \$3; oz. \$9

Not available.

## SCABIOSA

These charming, hardy perennials for border culture and for single cut flowers are best when spaced 8 inches apart in sandy loam with full sun. If sown indoors with heat during February or March they will bloom the first year. They bloom from June through August. The seed germinates slowly. Top the seed flats with a thin layer of a mixture of fine peat moss and sand, making sure to keep moist and shaded. For varieties of Double Scabiosa see Annual List.

### Caucasica, Perfecta Lilac.

Huge lilac-lavender flowers with overlapping silky fringed petals and very long stems on plants 40 inches high.

Pkt. 15c;  $\frac{1}{8}$ oz. 50c;  $\frac{1}{4}$ oz. 85c; oz. \$2.50;  $\frac{1}{4}$ lb. \$7.50

### Caucasica, White.

These resemble the large-flowered Perfecta Lilac, but are a beautiful pure paper-white. Height 40 inches.

Pkt. 15c;  $\frac{1}{8}$ oz. 70c;  $\frac{1}{4}$ oz. \$1.35; oz. \$4

### Caucasica, Isaac House Giant Hybrids, Mixed.

Very large, superbly fringed and ruffled flowers in shades of color ranging from the palest lavender to the darkest blue. This is an extra-select strain and is deservedly very popular.

Pkt. 15c;  $\frac{1}{16}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.35; oz. \$4;  $\frac{1}{4}$ lb. \$12

## SHASTA DAISY

Chrysanthemum Leucanthemum. Particularly noteworthy for their free-flowering habit and simple beauty. Plant them 1 foot apart in deep rich soil in a sunny position. Lift and divide the roots every other year to make more compact growth and finer flowers.

### Giant Double.

Fluffy shaggy white double flowers, 4 inches across, with narrow, slightly overlapping, irregular petals on fine long stems. The attractive plants bloom for about 3 months. To have only fully double flowers you must select a perfect plant and propagate by root division and cuttings, as only 50 per cent will come double, the remainder being singles and semi-doubles.

Pkt. 20c;  $\frac{1}{2}$ oz. 60c;  $\frac{1}{8}$ oz. \$1.75;  $\frac{1}{4}$ oz. \$3.25; oz. \$10

### Single, Alaska.

Large 3-inch white daisies, with broad overlapping petals, in profusion on 3-foot plants. From June to September.

Pkt. 15c;  $\frac{1}{4}$ oz. 45c; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75

## STOKESIA

Stokes' Aster. This is a very handsome flower and should be better known. It is best planted 6 inches apart in a warm, sheltered location in well-drained, sandy loam.

### Cyanea, Blue.

The plants grow about 2 feet high, bearing from July to October a large number of handsome, lavender-blue centaurea-like flowers, from 4 to 5 inches across. They are excellent for cutting and make unusually fine border plants.

Pkt. 10c;  $\frac{1}{8}$ oz. 45c;  $\frac{1}{4}$ oz. 85c; oz. \$2.50

## TRITOMA

Red-Hot Poker. For colorful garden accents these stately flowers, with their brilliant spikes, are very effective in late summer and early fall. Plant them 12 inches apart in a well-drained soil in full sun.

### Perpetual Early-flowering Hybrids.

This is the most prolific strain, often 5 to 10 blooms to the plant. Drooping, tubular flowers in dense spikes on long stems above the long, narrow, grassy foliage in salmon-scarlet, orange-scarlet, orange and yellow. Height 3 feet.

Pkt. 15c;  $\frac{1}{16}$ oz. 25c;  $\frac{1}{4}$ oz. 75c; oz. \$2.25;  $\frac{1}{4}$ lb. \$6.75

## SWEET WILLIAM

This hardy biennial, flowering in May or June, is best sown in June or July in frames or in the open ground. Transplant the young plants 8 to 12 inches apart in September or October to bloom the following spring. It supplies a wealth of color for the hardy border in spring, and is a useful cut-flower.

### Single Varieties.

Each pkt. 15c;  $\frac{1}{8}$ oz. 40c;  $\frac{1}{4}$ oz. 75c; oz. \$2.25;  $\frac{1}{4}$ lb. \$6.50

**Dark Crimson, Newport Pink, Scarlet Beauty and Giant White.**

### Single Mixed.

A well-balanced color blend. Pkt. 15c;  $\frac{1}{8}$ oz. 35c;  $\frac{1}{4}$ oz. 60c; oz. \$1.75;  $\frac{1}{4}$ lb. \$5

### Midget Single Mixed.

This is a wonderfully fine strain for pot culture, as it forms very small, balled plants 4 inches high, with brightly colored small flowers, many of which are tri-colored. Pkt. 20c;  $\frac{1}{16}$ oz. 50c;  $\frac{1}{4}$ oz. \$1.50; oz. \$4.50;  $\frac{1}{4}$ lb. \$13.50

### Double, Mixed.

This, grown in mixture, is very much more popular than the single varieties, because of the fullness of the flower. The colors include all of the known shades to be found in this class and are very attractive. The strong, robust plants grow to a height of about 1 $\frac{1}{2}$  feet. Pkt. 15c;  $\frac{1}{4}$ oz. 45c; oz. \$1.35;  $\frac{1}{4}$ lb. \$4; lb. \$12

### Dwarf Double, Mixed.

This is an unusually fine strain and is ideal for bedding-plant culture. The plants are dwarf, very compact, growing 8 inches high, and make nice pot-plants for spring sale. The colors include all of the rich dark tones, as well as the bright, light shades, and are nicely balanced. Pkt. 15c;  $\frac{1}{8}$ oz. 45c;  $\frac{1}{4}$ oz. 85c; oz. \$2.50;  $\frac{1}{4}$ lb. \$7.50

## VERONICA

Speedwell. Very pretty plants for the perennial border, best spaced 6 to 8 inches apart in groups. They like ordinary soil and a sunny location. To encourage new growth and a new crop of flowers cut back the flowers as they fade. This greatly lengthens the period of bloom.

### Spicata.

Long terminal spikes of violet-blue in June and July, on 1 $\frac{1}{2}$ -foot plants. Divide the plants every third year. Pkt. 15c;  $\frac{1}{16}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.35; oz. \$4

## VIOLA CORNUTA

Tufted Pansies. Because of their perpetual flowering character and the charm of their dainty flowers produced in the greatest abundance, these are becoming more favored each year for the rock-garden and for edging purposes. Good-sized plants can be ready by late spring from a January indoor seeding, although they are usually started in the summer for bloom in the following spring. They appreciate deep soil enriched with rotted manure, and will thrive best planted 8 inches apart in a sunny location. The 8-inch plants bloom continuously through spring and summer.

### Arkwright Ruby.

This new, large-flowered variety has beautiful ruby-crimson blooms with terra-cotta shadings. Pkt. 20c;  $\frac{1}{32}$ oz. 55c;  $\frac{1}{16}$ oz. \$1;  $\frac{1}{4}$ oz. \$3; oz. \$9

### Bizarre.

A most unusual color, the two upper petals being pure violet-purple, the lower three petals apricot. Pkt. 20c;  $\frac{1}{32}$ oz. 55c;  $\frac{1}{16}$ oz. \$1;  $\frac{1}{4}$ oz. \$3; oz. \$9

### Blue Butterfly.

In this variety the lower petals are bright mid-blue, shading off to the white upper petals. Pkt. 20c;  $\frac{1}{16}$ oz. 85c;  $\frac{1}{4}$ oz. \$2.50; oz. \$7.50

### Chantreyland.

A striking variety, with perfectly formed, large, pure apricot flowers, produced through a long season. Pkt. 20c;  $\frac{1}{32}$ oz. 50c;  $\frac{1}{16}$ oz. 90c;  $\frac{1}{4}$ oz. \$2.75; oz. \$8.25

### Lutea splendens.

Bright, cheerful flowers of deep sulphur-yellow, produced in abundance on dwarf, compact plants. Pkt. 20c;  $\frac{1}{16}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5

### Papilio, Light Blue.

Dwarf, compact plants with interesting colorful flowers of light blue and white. Pkt. 20c;  $\frac{1}{16}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5

### Papilio, Purple.

This is a richly colored deep violet-purple self, on short wiry stems above the nicely foliaged plants. Pkt. 20c;  $\frac{1}{16}$ oz. 60c;  $\frac{1}{4}$ oz. \$1.75; oz. \$5.25

### White Perfection.

This attractive pure white variety is produced in great numbers through a long season. Pkt. 20c;  $\frac{1}{16}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5

### Mixed.

A well-balanced blend of the above and additional varieties. Pkt. 20c;  $\frac{1}{16}$ oz. 55c;  $\frac{1}{4}$ oz. \$1.65; oz. \$5

## WALLFLOWER

Although perennials, these are best treated in northern latitudes as biennials. Sow the seed in June or July and winter over in a protected coldframe for transplanting outdoors when safe in the spring. For other varieties of Wallflower see Annual List.

### English, Double, Mixed.

A very fine mixture made up from the choicest varieties, with nicely balanced colors. Delightfully fragrant. Pkt. 20c;  $\frac{1}{16}$ oz. 45c;  $\frac{1}{4}$ oz. \$1.25; oz. \$3.75

Sweet William  
Double Mixed



Veronica spicata



Wallflower  
English Double Mixed

Viola cornuta  
Chantreyland





Dimorphotheca  
aurantiaca  
Hybrids



Ageratum,  
Midget Blue



Balsam,  
Dwarf Bush



Celosia  
pyramidalis  
Flame  
of Fire



Marigold, Double Miniature Spry



Dahlia,  
Unwin's  
XXX  
Dwarf  
Hybrids



Petunia, Dwarf  
California  
Giants,  
Ramona Strain

# FORBES FLOWERS OF SPECIAL MERIT FOR 1945

Here are some worth-while strains you should try this year. They are fine specialties of extremely high quality and will well repay you. All are easy to grow and we believe will please you better than the strains you have been using.

**Ageratum, Midget Blue.** All-America Winner. This delightful little edging plant is the dwarfest of all Ageratums—3 inches high—with fine foliage literally covered with small, true ageratum-blue flowers. It comes uniformly dwarf and true to color. Pkt. 20c.;  $\frac{1}{16}$ oz. 65c.;  $\frac{1}{4}$ oz. \$2; oz. \$6.

**Alyssum, Carpet of Snow.** Round flat plants, 5 inches high and 10 to 12 inches across, with a solid mass of tiny flowers. Pkt. 10c.;  $\frac{1}{4}$ oz. 30c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Balsam, Dwarf Bush.** The double flowers of this dwarf type appear in clusters on the top of the stems, instead of on the sides. They make nice 8 to 10-inch compact pot-plants for spring. **Torch**, vermilion-red, and **Mixed**. Each, pkt. 20c.;  $\frac{1}{16}$ oz. 55c.;  $\frac{1}{4}$ oz. \$1.65; oz. \$5.

**Celosia pyramidalis, Flame of Fire.** All-America Winner. Of perfect pyramidal habit, 18 inches high, with center stalk and many side branches, each topped with a round plumed flower-head of vivid fiery scarlet. Make striking pot-plants. Pkt. 20c.;  $\frac{1}{16}$ oz. 35c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.

**Dahlia, Unwin's XXX Dwarf Hybrids.** A superb reselected strain with double and semi-double flowers in a great variety of beautiful colors produced in 3 months from seed, on compact 2-foot plants. This is excellent for flat-grown or pot-grown bedding plants. Pkt. 20c.;  $\frac{1}{8}$ oz. 55c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.

**Dimorphotheca aurantiaca.** Cheerful, daisy-like flowers,  $2\frac{1}{2}$  inches across with a dark center and long narrow incurving petals on thin wiry stems held above nice bushy plants 12 to 15 inches high. **Orange** and **Hybrids, Mixed**. Each, pkt. 15c.;  $\frac{1}{8}$ oz. 25c.;  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.

**Globe Amaranth, Dwarf Purple.** This is a dwarf strain with strawy, clover-like, purple flower-heads freely produced on robust, 6 to 8-inch compact plants. It is fine in the dwarf border and rock-garden and especially valuable for pot culture. Also makes Everlasting Flowers for winter use. Pkt. 15c.;  $\frac{1}{4}$ oz. 30c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Gypsophila elegans, White London Market.** A very nice strain with large, pure white flowers, each with 8 overlapping petals. These are freely produced on long stems on plants  $1\frac{1}{2}$  to 2 feet high. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c. lb. \$2.50.

**Larkspur, Double Stock-flowered, Mixed.** The fern-leaved plants are vigorous and free flowering, 3 to 4 feet high, with Candelabra-like trusses of beautiful flowers ideal for cutting and for tall borders. Pkt. 10c.;  $\frac{1}{4}$ oz. 25c.; oz. 65c.;  $\frac{1}{4}$ lb. \$2.

**Marigold, Double Miniature, Spry.** All-America Winner. Very dwarf, compact 9-inch plants, 15 inches across and excellent for pots and borders. The flowers, produced most freely of all Marigolds, are  $1\frac{1}{2}$  inches across with bright clear yellow crested centers surrounded by mahogany-red guard petals. They begin bloom in 9 weeks from seed. Pkt. 15c.;  $\frac{1}{8}$ oz. 30c.;  $\frac{1}{4}$ oz. 50c.; oz. \$1.50;  $\frac{1}{4}$ lb. \$4.50.

**Marigold, Dwarf Double Harmony.** The flowers are scabiosa-like in form, with tubular, deep orange center petals, flanked by broad, dark maroon-brown guard petals. The plants are dwarf, compact, free-blooming, and flower early in July. Pkt. 10c.;  $\frac{1}{4}$ oz. 30c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50; lb. \$7.50.

**Petunia, Dwarf California Giants, Ramona Strain.** Unexcelled for pot culture, the dwarf, sturdy plants, in 3 or 4-inch pots, will bloom when only 6 inches high. Beautifully ruffled and fringed flowers, often over 5 inches across, are produced freely. In mixtures: **Dark Shades Mixed**, and **Dark and Light Shades, Mixed**. Each, pkt. 50c.; Tr. pkt. \$1;  $\frac{1}{4}$ oz. \$1.75;  $\frac{1}{8}$ oz. \$2.75;  $\frac{1}{16}$ oz. \$5;  $\frac{1}{8}$ oz. \$9.

**Petunia, Single Dwarf Bedding, Topaz Queen.** A very fine variety with medium-large flowers of glowing carmine-rose with a distinct orange-scarlet suffusion. They are freely produced on uniform, compact, dwarf plants fine for bedding or for pots. The color does not fade even when planted in full sunshine. Pkt. 15c.;  $\frac{1}{8}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.

**Phacelia campanularia.** Unusually beautiful gentian-blue cut-flowers with conspicuous white anthers in terminal racemes on neat plants, 9 inches high. Blooms early and lasts all summer. For pot-plants and edgings. Pkt. 10c.;  $\frac{1}{4}$ oz. 25c.; oz. 75c.

**Rudbeckia, Starlight.** All-America Winner. Bright semi-double flowers, from primrose to mahogany and bicolors with mahogany centers, from 2 to 3 inches across, on straight stems often 3 feet long. Very attractive and fine for cutting. Pkt. 25c.;  $\frac{1}{16}$ oz. 65c.;  $\frac{1}{4}$ oz. \$2.

**Scabiosa, Tom Thumb Mixed.** Dwarf plants, 8 inches high and 12 inches across, with an abundance of double, medium-sized flowers all summer. Splendid for bedding, edging, and rock-gardens. Pkt. 10c.;  $\frac{1}{4}$ oz. 40c.; oz. \$1.20.

**Snapdragon, Rustproof Half-Dwarf Mixed.** A fine half-dwarf strain with individual flowers of huge size on nicely tapered, immense spikes. The very full plants are base branching, 16 to 20 inches high, and are as fine for cutting as for garden. Pkt. 10c.;  $\frac{1}{8}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.

**Zinnia, California Giants, Mixed.** The plants are of robust habit, over 3 feet high, and throw strong lateral branches from which the best flowers come. These reach an enormous size, often 4 to 5 inches across, but with the petals laid back one over the other, giving the flowers a flattened appearance. Pkt. 10c.;  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.



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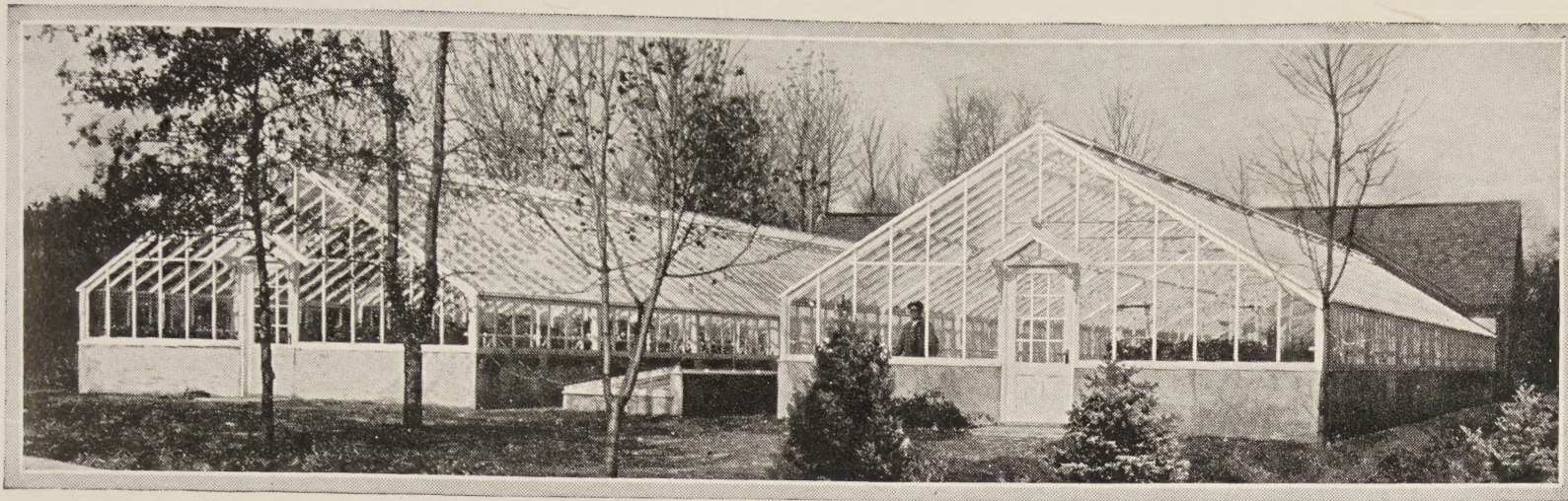
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# FORBES SEEDS FOR MARKET-GARDENERS FOR 1945

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# Read This, Plant-Growers

Make the most of your 1945 opportunity. Have plenty of Vegetable and Flower Plants for the demand that will come again in the spring.

Countless thousands of amateur gardeners will plant home Victory Gardens next spring. Lack of time, knowledge and facilities will prevent many from raising their own plants of certain vegetables and flowers. For flowers will be included, too. During any period of war stress, flowers play an important part in civilian morale. Plan to get your share of the profits from this business. We suggest below some of the better strains to grow. Make your selection now and order your seed early. Seed of some items is in quite short supply.

## Flower Varieties

**Ageratum, Blue Boy.** Compact, uniform 4-inch plants. Deep blue flowers.  $\frac{1}{16}$ oz. 55c.;  $\frac{1}{4}$ oz. \$1.65; oz. \$5.  
**Ageratum, Midget Blue.** Dwarf, 3-inch plants, covered with blue flowers.  $\frac{1}{16}$ oz. 65c.;  $\frac{1}{4}$ oz. \$2; oz. \$6.  
**Alyssum, Carpet of Snow.** Dwarf flat plants covered with small white flowers.  $\frac{1}{4}$ oz. 30c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.  
**Alyssum, Violet Queen.** Violet flowers on round 4-inch plants, 10 inches across.  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Aster, W. R. American Beauty, Mixed.** Full flower heads;  $2\frac{1}{2}$ -foot plants.  $\frac{1}{8}$ oz. 35c.; oz. \$1.65;  $\frac{1}{4}$ lb. \$5.  
**Aster, W. R. Branching, Mixed.** Large double flowers on  $2\frac{1}{2}$ -foot plants.  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Aster, W. R. Queen of Market, Mixed.** Early double blooms; 20-in. plants.  $\frac{1}{8}$ oz. 25c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Calendula, Ball's Orange.** Bright golden orange with lighter centers.  $\frac{1}{8}$ oz. 35c.;  $\frac{1}{4}$ oz. 65c.; oz. \$2.  
**Calendula, Double Mixed.** Extra-large flowers in orange and yellow. Oz. 45c.;  $\frac{1}{4}$ lb. \$1.35.  
**Candytuft, Giant White Hyacinth-flowered.** Spikes of snow-white florets. Ht. 18 in.  $\frac{1}{4}$ oz. 25c.; oz. 75c.  
**Carnation, Chabaud's Giant Outdoor, Mixed.** Fragrant double flowers. Ht. 20 in.  $\frac{1}{16}$ oz. 35c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Celosia cristata, Dwarf Empress.** Crimson heads on bronze-leaved, 10-inch plants.  $\frac{1}{16}$ oz. 20c.;  $\frac{1}{4}$ oz. 65c.  
**Celosia pyramidalis, Flame of Fire.** Pyramids 18 inches high of scarlet flowers.  $\frac{1}{16}$ oz. 35c.;  $\frac{1}{4}$ oz. \$1.  
**Centaurea cyanus, Jubilee Gem.** Compact 12-inch plants; deep blue flowers.  $\frac{1}{8}$ oz. 30c.;  $\frac{1}{4}$ oz. 50c.; oz. \$1.50.  
**Centaurea cyanus, Super-Giant, Formula Mixed.** Fine strain, long stems. Ht. 3 ft.  $\frac{1}{4}$ oz. 20c.; oz. 55c.;  $\frac{1}{4}$ lb. \$1.65.  
**Cosmos, Sensation, Mixed.** Flowers 4 inches across on heavy 4-foot plants.  $\frac{1}{4}$ oz. 25c.; oz. 75c.  
**Dahlia, Unwin's XXX Dwarf Hybrids.** Double and semi-double on 2-foot plants.  $\frac{1}{8}$ oz. 55c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Dianthus chinensis, Double Mixed.** Pretty, double China Pinks on 18-inch plants.  $\frac{1}{4}$ oz. 25c.; oz. 70c.  
**Dimorphotheca aurantiaca, Mixed.** Dark-centered African Daisies on 15-inch plants.  $\frac{1}{4}$ oz. 45c.; oz. \$1.35.  
**Gaillardia Lorenziana, Double, Mixed.** Bright double ball flowers, freely produced on 18-inch plants.  $\frac{1}{4}$ oz. 35c.; oz. \$1.  
**Globe Amaranth, Dwarf Purple.** Clover-like flowers on 8-inch plants for pots.  $\frac{1}{4}$ oz. 30c.; oz. 85c.  
**Helichrysum monstrosum, Mixed.** Popular strawflower in a great range of colors.  $\frac{1}{4}$ oz. 40c.; oz. \$1.10.  
**Larkspur, Double Stock-flowered, Mixed.** Free-flowering 3-foot plants with double flower spikes.  $\frac{1}{4}$ oz. 25c.; oz. 65c.  
**Lobelia erinus, Crystal Palace.** Dark blue flowers on 4-inch bronze-green-leaved plants.  $\frac{1}{16}$ oz. 25c.;  $\frac{1}{4}$ oz. 75c.; oz. \$2.50.

## Flower Varieties

**Marigold, Guinea Gold.** Gold-orange double flowers 3 inches across on  $2\frac{1}{2}$ -ft. plants.  $\frac{1}{4}$ oz. 30c.; oz. \$1;  $\frac{1}{4}$ lb. \$3.  
**Marigold, Yellow Supreme.** Creamy lemon-yellow loose flowers on  $2\frac{1}{2}$ -foot plants.  $\frac{1}{8}$ oz. 30c.;  $\frac{1}{4}$ oz. 50c.; oz. \$1.50.  
**Marigold, Dwarf Double French, Scarlet Glow.** Scarlet, aging tangerine. Ht. 10 in.  $\frac{1}{8}$ oz. 25c.;  $\frac{1}{4}$ oz. 45c.; oz. \$1.35.  
**Marigold, Dwarf Double Butterball.** Butter-yellow tipped maroon. Early. Ht. 8 in.  $\frac{1}{8}$ oz. 30c.; oz. \$1.50.  
**Marigold, Dwarf Double Harmony.** Orange crest; maroon-brown guard petals. Ht. 14 in.  $\frac{1}{4}$ oz. 30c.; oz. 85c.  
**Marigold, Double Miniature, Spry.** Small Harmony flowers on compact 9-inch plants. Fine.  $\frac{1}{4}$ oz. 50c.; oz. \$1.50.  
**Petunia, Single Dwarf Bedding, Celestial Rose.** Satiny deep rose.  $\frac{1}{16}$ oz. 35c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Petunia, Single Dwarf Bedding, Topaz Queen.** Extra-fine, fade proof, carmine-rose with orange-scarlet overtone. Dwarf plants.  $\frac{1}{8}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Petunia, Single Dwarf Bedding, Velvet Ball.** Large deep blood-red.  $1/128$  oz. 40c.;  $\frac{1}{32}$ oz. \$1.15;  $\frac{1}{8}$ oz. \$3.50.  
**Portulaca, Large flowering Single, Mixed.** Wonderful array of bright colors.  $\frac{1}{16}$ oz. 35c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Salpiglossis, Candelabra, Mixed.** Beautiful veined, funnel-shaped flowers on  $2\frac{1}{2}$ -foot plants.  $\frac{1}{4}$ oz. 30c.; oz. 90c.  
**Scabiosa, Super Giant, Mixed.** Very double long-stemmed flowers on 3-foot plants.  $\frac{1}{4}$ oz. 35c.; oz. \$1.  
**Snapdragon, Rustproof Half-Dwarf, Mixed.** Long-stemmed 18-in. plants.  $\frac{1}{8}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1; oz. \$3.  
**Stocks, Dwarf 10-Weeks, Mixed.** Excellent for pots or flats. Compact 12-inch plants.  $\frac{1}{8}$ oz. 30c.;  $\frac{1}{4}$ oz. 50c.; oz. \$1.60.  
**Zinnia, California Giant, Mixed.** Huge double flowers on 3-foot plants.  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Zinnia, Gold Medal Giant Dahlia-flowered, Mixed.** Extra-fine. Ht. 3 ft.  $\frac{1}{4}$ oz. 45c.; oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Zinnia, Lilliput, Mixed.** Very deep fully double small flowers on 18-inch plants.  $\frac{1}{4}$ oz. 35c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.85.

## Vegetable Varieties

**Broccoli, Italian Green Sprouting.** An excellent strain of this popular vegetable.  $\frac{1}{4}$ oz. 30c.; oz. 90c.;  $\frac{1}{4}$ lb. \$2.65.  
**Cabbage, Penn State Ballhead.** Very hard-heading; round and solid. Oz. 80c.;  $\frac{1}{4}$ lb. \$2.35; lb. \$7.  
**Cabbage, Perfection Drumhead Savoy XXX.** Hard, heavily crimped dark green heads. Oz. 75c.;  $\frac{1}{4}$ lb. \$2.20; lb. \$6.50.  
**Cabbage, Y. R. Copenhagen Market.** Almost round, very hard. Early. Good yielder. Oz. 70c.;  $\frac{1}{4}$ lb. \$2; lb. \$6.  
**Cauliflower, The Forbes.** Deep round well-protected pure white curds.  $\frac{1}{4}$ oz. \$1.10; oz. \$3.35;  $\frac{1}{4}$ lb. \$10.

## Vegetable Varieties

**Celeriac, Dwarf Moonarchie.** Large smooth roots free from side roots; short tops. Oz. 90c.;  $\frac{1}{4}$ lb. \$2.65.  
**Celery, Giant Pascal.** The best late green variety. Fine keeper. Excellent flavor.  $\frac{1}{4}$ oz. 25c.; oz. 70c.;  $\frac{1}{4}$ lb. \$2.  
**Celery, Golden Plume, Jersey Taller Strain.** Extra-fine yellow, self-blanching.  $\frac{1}{4}$ oz. 75c.; oz. \$2.20;  $\frac{1}{4}$ lb. \$6.60.  
**Celery, King Pascal.** The last word in the summer Pascal-type Celery.  $\frac{1}{4}$ oz. 80c.; oz. \$2.40;  $\frac{1}{4}$ lb. \$7.20.  
**Eggplant, Black Beauty.** Large purplish black fruits on sturdy branching plants.  $\frac{1}{4}$ oz. 30c.; oz. 80c.;  $\frac{1}{4}$ lb. \$2.35.  
**Kohlrabi, White Vienna.** Very early smooth white bulbs. Finest strain.  $\frac{1}{4}$ oz. 20c.; oz. 55c.;  $\frac{1}{4}$ lb. \$1.70.  
**Lettuce, Great Lakes.** Large leaves, firm heads. Withstands heat, resists tip-burn. Oz. 75c.;  $\frac{1}{4}$ lb. \$1.90; lb. \$6.  
**Lettuce, Imperial No. 847.** Fine solid cabbage heads; crumpled and blistered leaves. Oz. 35c.;  $\frac{1}{4}$ lb. \$1.10; lb. \$3.25.  
**Lettuce, Romaine Trianon Cos.** Compact, upright 12-inch heads, blunt topped and solid. Oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$2.  
**Lettuce, White Boston N. J. Special.** Pale green-leaved type without red tinge. Oz. 30c.;  $\frac{1}{4}$ lb. 85c.; lb. \$2.50.  
**Onion, Yellow Sweet Spanish.** Large, golden yellow globes. Very mild. Keep well. Oz. 80c.;  $\frac{1}{4}$ lb. \$2.35; lb. \$7.  
**Parsley, Selected Extra-Double Curled.** Compact, finely cut, densely curled dark green leaves.  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.  
**Pepper, California Wonder.** Blocky square-ended, four-nosed, deep green fruits. Oz. 70c.;  $\frac{1}{4}$ lb. \$2; lb. \$6.  
**Pepper, Early Giant.** Early, 5 by  $3\frac{1}{2}$ -inch, dark green fruits. Mild flavor. Oz. 70c.;  $\frac{1}{4}$ lb. \$2; lb. \$6.  
**Pepper, Worldbeater.** Large, medium-early, 5 x  $3\frac{1}{2}$  inches thick, mild-fleshed. Oz. 70c.;  $\frac{1}{4}$ lb. \$2; lb. \$6.  
**Tomato, Bonny Best (Certified).** Extra-early, medium-sized, scarlet, smooth, round fruits. Oz. 75c.;  $\frac{1}{4}$ lb. \$2.20.  
**Tomato, Italian Red Plum.** Clusters of solid, red,  $2\frac{1}{2}$  inch oval fruits in abundance. Oz. \$1.15;  $\frac{1}{4}$ lb. \$3.35.  
**Tomato, Marglobe (Certified).** Big, smooth, uniform, scarlet, midseason globe. Very solid. Oz. 75c.;  $\frac{1}{4}$ lb. \$2.20.  
**Tomato, Ponderosa or Beefsteak.** Very large; purplish pink midseason, acid-free variety. Oz. \$1.35;  $\frac{1}{4}$ lb. \$4.  
**Tomato, Rutgers (Certified).** Very large scarlet, solid, heavy globes. Good yielder. Oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.  
**Tomato, Stokesdale.** A heavy-yielding Marglobe type maturing over a week earlier. Oz. 90c.;  $\frac{1}{4}$ lb. \$2.65.  
**Tomato, Stone Selected.** Very productive, late, flattened round, solid red fruits. Oz. 75c.;  $\frac{1}{4}$ lb. \$2.20.  
**Tomato, Valiant.** Extra-large, solid round red fruits maturing very early. Oz. 90c.;  $\frac{1}{4}$ lb. \$2.65.

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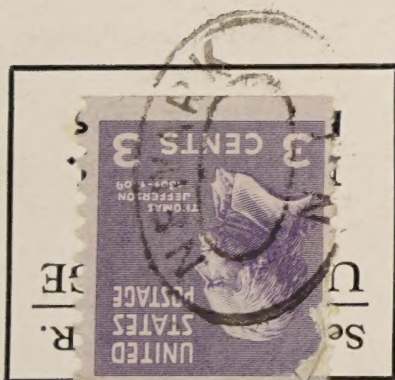
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